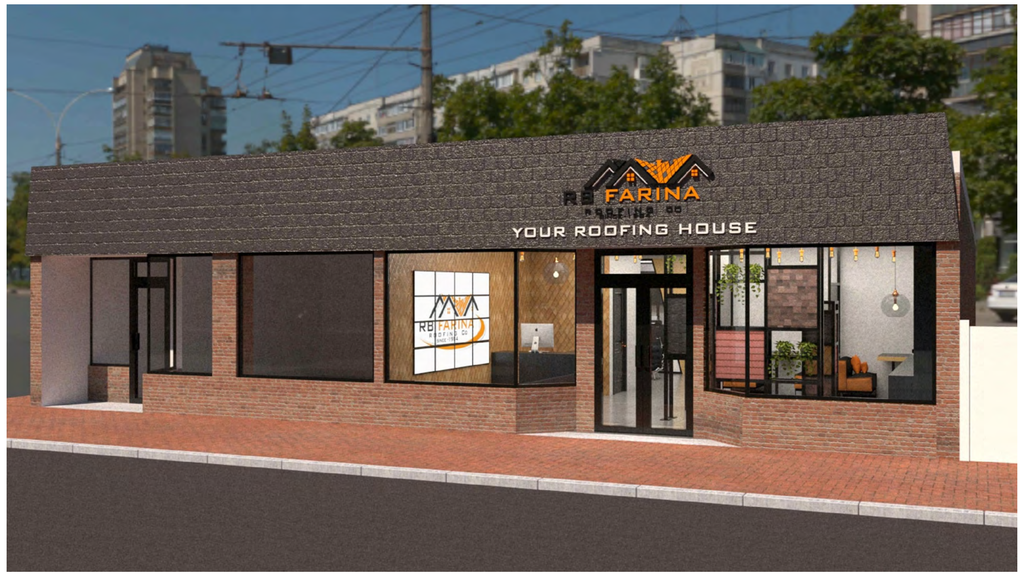
INTERIOR RENOVATION

1306-1308 MASSACHUSETTS AVE, ARLINGTON, MA 02476.



EXISTING FACADE.



PROPOSED FACADE.

PROJECT DIRECTORY

OWNER

RB Farina Roofing
1306-1308 Massachusetts Ave, Arlington, MA 02476.
Attn:

DESIGNER

Rise Architecture

Attn: Nathalia Quirino
(857) 888-1216

CONTRACTOR

GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECTS OF ALL DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS.
2. THE GENERAL CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS THAT MAY APPLY TO THE CONSTRUCTIONS OF THE PROJECT.
3. ALL WORK OF THIS PROJECT SHALL COMPLY WITH ACCEPTED BUILDING PRACTICES AND ALL CODES HAVING JURISDICTION OVER THIS PROJECT.
4. REFER TO LIMITS OF WORK DRAWINGS FOR OVERALL DESCRIPTION OF WORK AREAS.
5. THE GENERAL CONTRACTOR SHALL LEAVE THE PROJECT SITE AND ALL SURROUNDING AREAS IN FINAL CLEAR CONDITION INCLUDING THE REMOVAL OF ALL DEBRIS RESULT FROM CONSTRUCTION.
6. THE CONTRACTOR SHALL AT ALL TIMES DURING THE PROGRESS OF THE WORK REMOVE ALL CONSTRUCTION DEBRIS AND MAINTAIN A DUST FREE ENVIRONMENT FOR ALL ADJACENT AREAS.
7. THE CONTRACTOR SHALL COORDINATE THE WORK OF ALL TRADES AND VERIFY THAT ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF ALL MATERIALS BY ALL TRADES IS PROPERLY EXECUTED.
8. THE CONTRACTOR SHALL UTILIZE THE AREAS WITHIN THE SCOPE OF WORK FOR STORAGE OF MATERIALS AND TOOLS.
9. ALL WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER ALL OTHERS. DO NOT SCALE DRAWINGS, IF THERE IS A QUESTIONS OR CONFLICT IN DIMENSIONS, NOTIFY THE ARCHITECT FOR CLARIFICATION.
10. VERIFY FIELD CONDITIONS PRIOR TO COMMENCEMENT OF EACH PORTION OF THE WORK. THE CONTRACT DRAWINGS ARE COMPLIMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE BIDING AS IF REQUIRED BY ALL THE CONTRACTOR SHALL COORDINATE ALL PORTIONS OF THE WORK.
11. DIMENSIONS ARE TO CENTER LINES, EXISTING BUILDING GRID LINES OR TO FACE OF FINISHED SURFACE UNLESS OTHERWISE NOTED.
12. ALL GYPSUM WALL BOARD CONSTRUCTION SHALL CONFORM TO RECOMMENDATIONS, PRACTICES, STANDARDS AND INSTRUCTIONS PUBLISHED BY U.S. GYPSUM COMPANY IN THE GYPSUM CONSTRUCTION HANDBOOK.
13. ALL FINISHED WORK SHALL BE FREE OF DEFECTS. THE OWNER RESERVES THE RIGHT TO REJECT ANY MATERIALS AND WORKMANSHIP WHICH ARE NOT CONSIDERED TO BE AT THE HIGHEST STANDARDS OF THE VARIOUS TRADES INVOLVED.
14. NO CHANGES OR SUBSTITUTIONS ARE ALLOWED UNLESS APPROVED BY THE ARCHITECT.
15. ANY MODIFICATION OF THESE CONSTRUCTION DOCUMENTS MUST BE APPROVED BY SOUSA DESIGN IN WRITING.
16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, SAMPLES AND SUBMITTALS FOR ALL ITEMS OF WORK PRIOR TO THEIR INCLUSION TO THE ARCHITECT.
17. IN ALL CASES OF CONFLICT, THE ARCHITECTURAL DRAWINGS GOVERN. FOR LAYOUT, ALL CONFLICTS ARE TO BE IMMEDIATELY REPORTED TO THE ARCHITECT.
18. ALL MATERIALS REQUIRE A SUBMITTAL TO THE ARCHITECT FOR APPROVAL.
19. ALL WORK TO BE DONE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS. ARCHITECT SHALL BE NOTIFIED OF ANY DEVIATIONS FROM ORIGINAL DRAWING SET.
20. ALL UNUSED / ABANDONED FLOOR & WALL OPENINGS SHALL BE SEALED AND FIRESTOPPED TO SPECIFIED ASSEMBLY.
21. ALL MECHANICAL, ELECTRICAL, PLUMBING ENGINEERING SHALL BE PROVIDED BY OTHERS AND IS NOT PART OF OR COORDINATED WITH THIS ARCHITECTURAL CONSTRACT DOCUMENT/ DRAWINGS.
22. ALL MECHANICAL, ELECTRICAL, PLUMBING ENGINEERING SHALL BE IN ACCORDANCE WITH MASSACHUSETTS BUILDING AND FIRE SAFETY CODES INCLUDING THE FEDERAL, STATE AND LOCAL REGULATORY RULES AND SHALL BE COORDINATE BY GENERAL CONTRACTOR AND SUBCONTRACTORS.
23. GC AND SUBS SHALL COORDINATE ALL MECHANICAL, ELECTRICAL, PLUMBING, CONDITIONS, AND AREAS WITH A PROFESSIONAL MECHANICAL, ELECTRICAL, PLUMBING, ENGINEER AS REQUIRED. THIS COORDINATION SHALL SUBS. THIS INCLUDES BUT IS NOT LIMITED TO FLOOR AND CEILING PENETRATIONS THROUGH FLOOR/ CEILING ASSEMBLIES.

CODE

SPACE SUMMARY:

1306 (RETAIL SPACE) = 522 SQ FT

1308 (OFFICE) = 2 957 SQ FT

USE CATEGORY

Zoning District: B3 - Village Business
Occupancy Use: Business Group.
Type of construction: IIIB

BUILDING CODE:

WORK TO BE COMPLETED IN ACCORDANCE TO:

IBC - International Building Code 2015
IEBC - International Existing Building Code 2015
IECC - International Energy Conservation Code 2015
IMC - International Mechanical Code 2015
780 CMR - MA Amendments to the IBC
527 CMR - MA fire prevention and electrical regulations
521 CMR - MA accessibility regulations
248 CMR - MA plumbing regulations

FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS

PRIMARY STRUCTURAL FRAME	0 HOURS
LOADBEARING EXTERIOR WALLS	2 HOURS
INTERIOR LOAD BEARING WALLS	0 HOURS
NONBEARING INTERIOR WALLS AND PARTITIONS	0 HOURS
FLOOR CONSTRUCTION	0 HOURS
ROOF CONSTRUCTION	0 HOURS
SEPARATION OF USE	1 HOUR

LOCUS MAP



RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer	Engineer
Nathália Quirino	Nazieh R. Hammouri.
857 888-1216	857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZEIH R. HAMMOURI
STRUCTURAL
No. 36786
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

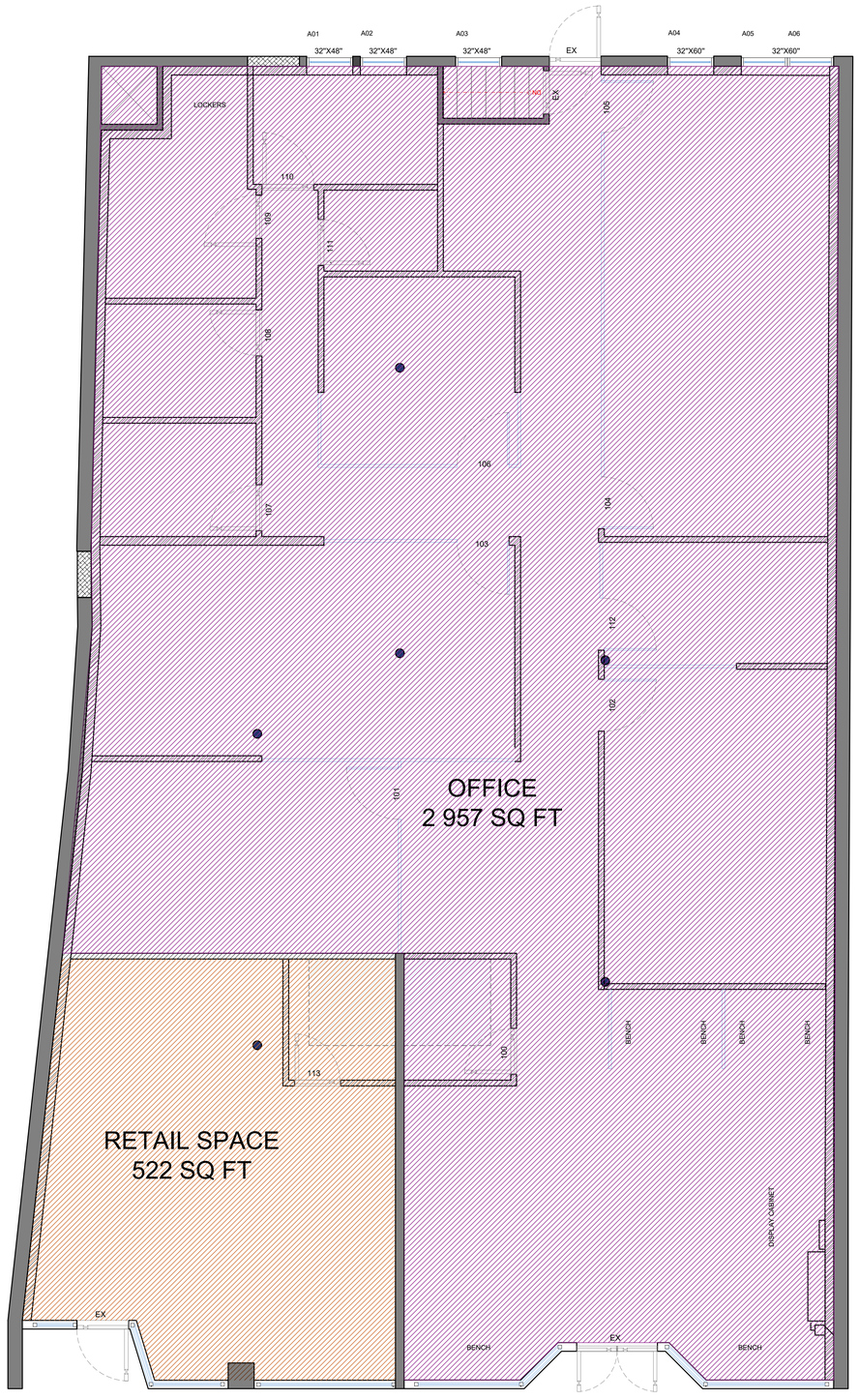
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01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

COVER PAGE.

DRAWING NUMBER

C-100



1 FIRST FLOOR PLAN - GROSS AREA

1/4" = 1'0"

LEGEND:

1306 - RETAIL SPACE = 522 SQ FT

1308 - OFFICE = 2 957 SQ FT

TOTAL = 3 479 SQ FT

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
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01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
NO. 38756
REGISTERED
PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

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Revisions

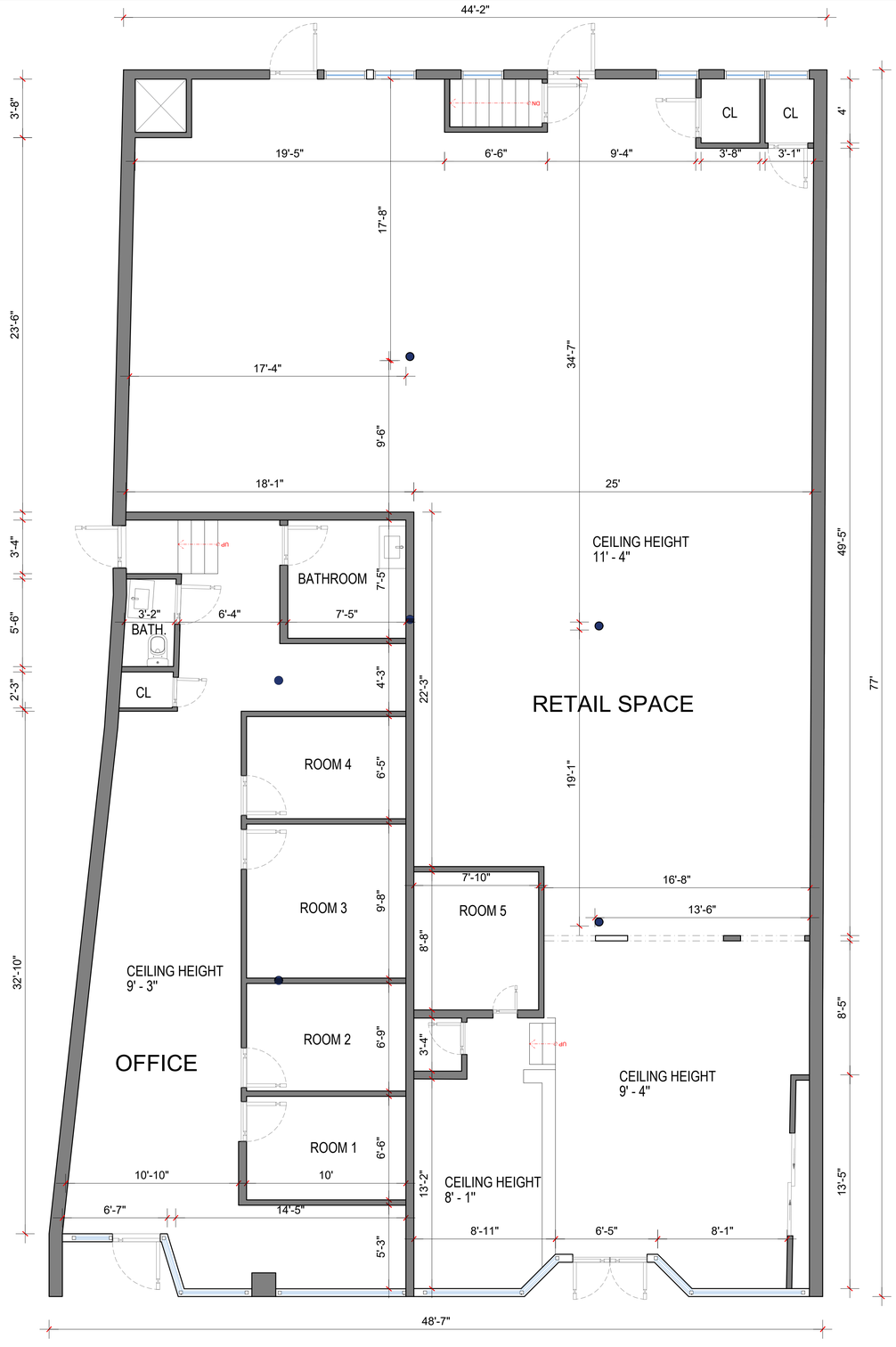
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04	Facade	07/13/2023

DRAWING TITLE

GROSS AREA.

DRAWING NUMBER

A-100



1 EXISTING FIRST FLOOR PLAN

1/4" = 1'0"

LEGEND

- EXISTING FOUNDATION WALL.
- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW 2X6 WALL CONSTRUCTION.
- DEMOLITION.

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZEIH R. HAMMOURI
STRUCTURAL
No. 36786
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
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1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

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DRAWING TITLE

EXISTING FLOOR PLANS.

DRAWING NUMBER

A-101

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

NOTES

USE GROUP

B3 - (VILLAGE BUSINESS)

FIRST FLOOR AREA: 3485 SQ FT
BASEMENT AREA: 0 SQ FT
TOTAL AREA: 3485 SQ FT

EXISTING OCCUPANCY SUMMARY

TOTAL EXISTING: 24 PEOPLE

PROPOSED OCCUPANCY SUMMARY

TOTAL = 24 PEOPLE / NO CHANGE

TOILET FIXTURES

2 ADA BATHROOM

1 FEMALE BATHROM

1 MALE BATHROOM

EXIT CAPACITY CALCULATIONS

FIRST FLOOR

EXIT#1=36"

EXIT # 2 = 36"

TOTAL EXIT CAPACITY =
***ALL EXITS EQUIPPED WITH PANIC HARDWARE**

LEGEND

- EXIT ACCESS
- EMERGENCY LIGHT
- EXIT SIGN
- FIRE EXTINGUISHER
- ACCESSIBLE SEATING
- STANDING AREA

SIGNAGE

TACTILE EXIT SIGNS SHALL BE PROVIDED AT LOCATIONS INCLUDING BUT NOT LIMITED TO:

-GRADE LEVEL EXIT DOOR "EXIT"
-EXIT DOOR LEADING TO GRADE LEVEL EXIT DOOR (STAIRWELL DOORS) EXIT STAIR DOWN

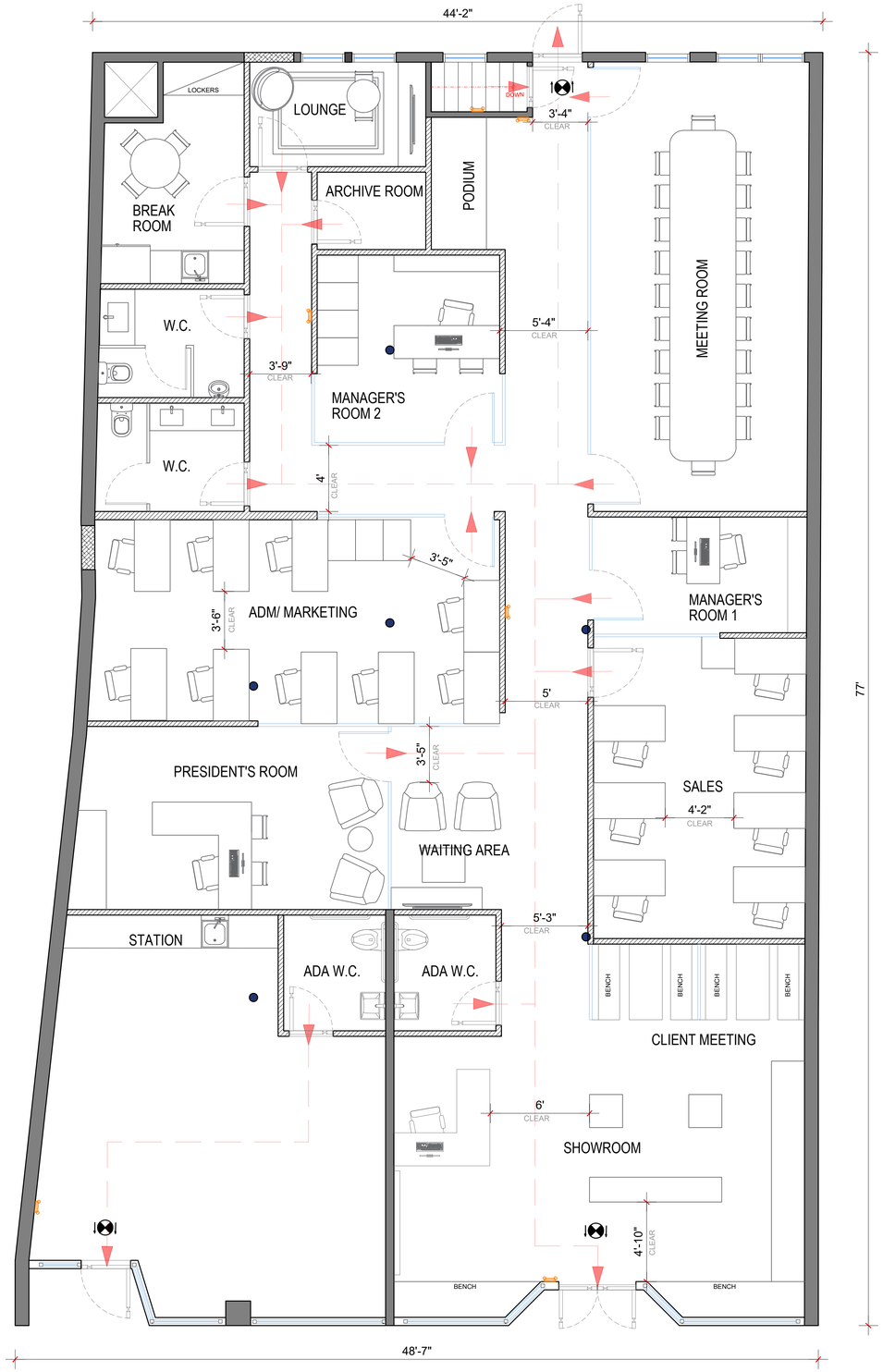
-EXIT DOORS LEADING TO GRADE LEVEL EXTERIOR EXIT "EXIT"

COMPLETE ADA SIGNAGE SHALL BE PROVIDED AS NON-GLARE, CONTRASTING BACKGROUND, 1/32" RAISED CHARACTERS, TEXT HEIGHT 5/ 8" TO 2" AND PICTOGRAMS SHALL BE 6" HIGH MIN.
MOUNTING HEIGHT MIN. 4'-0" ABOVE FINISHED FLOOR TO LOWEST BRAILLE AND MAX. 5'-0" TO BOTTOM OF HIGHEST LINE OF RAISED TEXT. MOUNT SINGS TO LATCH SIDE OF DOOR, AT DOUBLE DOORS AT THE NEAREST WALL PREFERABLE AT THE RIGHT OF THE OPENING

EXIT ROUTE

ACCESSIBLE

EXIT



1 FIRST FLOOR PLAN

1/4" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

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COMMONWEALTH OF MASSACHUSETTS
NAZIEH R HAMMOURI
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NO. 38786
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SCALE — DRAWN BY

1306/ 1308_MASS_AVE — 1306/ 1308_MASS_AVE
PROJECT # — FILE NAME

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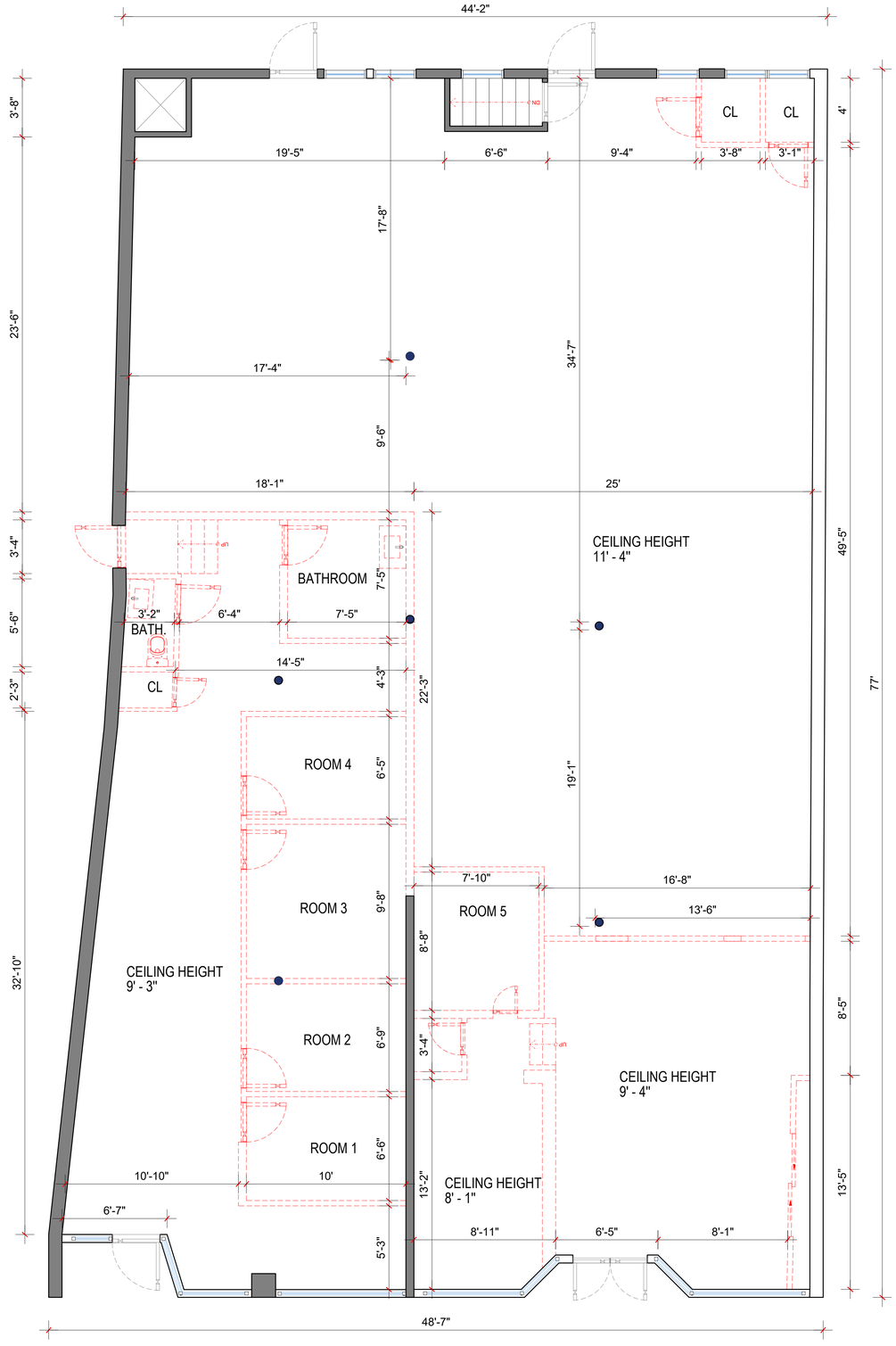
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04	Facade	07/13/2023

DRAWING TITLE

EGRESS PLAN.

DRAWING NUMBER

A-102



1 DEMOLITION FIRST FLOOR PLAN

1/4" = 1'0"

LEGEND

- EXISTING FOUNDATION WALL.
- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW 2X6 WALL CONSTRUCTION.
- DEMOLITION.

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZEIH R. HAMMOURI
STRUCTURAL
No. 38756
REGISTERED
PROFESSIONAL ENGINEER

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SCALE | DRAWN BY

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PROJECT # | FILE NAME

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DRAWING TITLE

DEMOLITION FLOOR PLAN.

DRAWING NUMBER

A-103

CODE SUMMARY

WORK TO BE COMPLETED IN ACCORDANCE WITH:

*** MA STATE BUILDING CODE (NINTH EDITION)**
*** INTERNATIONAL BUILDING CODE (SEE BELOW)**

INTERNATIONAL BUILDING CODE (IBC)

Building General

1 STORY BUILDING. - BUILDING USE: BUSINESS - MULTI USE OFFICE - MODERATE HAZARD FACTORY (F-1)
BUILDING IS NOT EQUIPPED WITH A SPRINKLER SYSTEM.

CHAPTER 6

TYPES OF CONSTRUCTIONS: TYPE III - B

BUILDING ELEMENT:	REQUIRED:
STRUCTURAL FRAME	0HR
LOADBEARING EXT. WALL	2HR
NON- LOADBEARING EXT. WALL	0HR*
NON- LOADBEARING INT. WALL	0HR
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0HR
ROOF CONSTRUCTION & SECONDARY NUMBERS	0HR

*BASED ON TABLE 602 - FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATIONS DISTANCE.

CHAPTER 7

FIRE AND SMOKE PROTECTION FEATURES

TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENING BASED ON FIRE SEPARATIONS DISTANCE AND DEGREE OS OPENING PROTECTION:

SEPARATION DISTANCE > 5' = 25%

CHAPTER 8

INTERIOR FINISHES

SECTION 803.1 1 INTERIOR WALL AND CEILING FINISH MATERIALS./

Interior wall and finish ceiling materials shall be classified in accordance with ASTM E 84 or URL 723. Such interior finish materials shall be grouped in the following classes in accordance with their flames spread and smoke-develop indexes.

Class A: Flame spread index 0-25; smoke-developed index 0-450
Class B: Flame spread index 26-75; smoke-developed index 0-450
Class C: Flame spread index 76-200; smoke-developed index 0-450

CHAPTER 9

FIRE PROTECTION SYSTEMS

BUILDING IS NOT SPRINKLERED SECTION 903.2.5.

CHAPTER 10

MEAN OF EGRESS

TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT.

EGRESS WIDTH / .2 (OTHER EGRESS COMPONENTS) = OCCUPANT LOAD.
Exception: For other than Group G and I-2 occupancies, the capacity, in inches (mm), of means of egress components other than stairways shall be calculated by multiplying the occupant load served by such component by a means of egress capacity factor of 0.15 inch (3.8mm) per occupant in building equipped with throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 and emergency voice-alarm communication system in accordance with Section 907.5.2.2.

CHAPTER 11

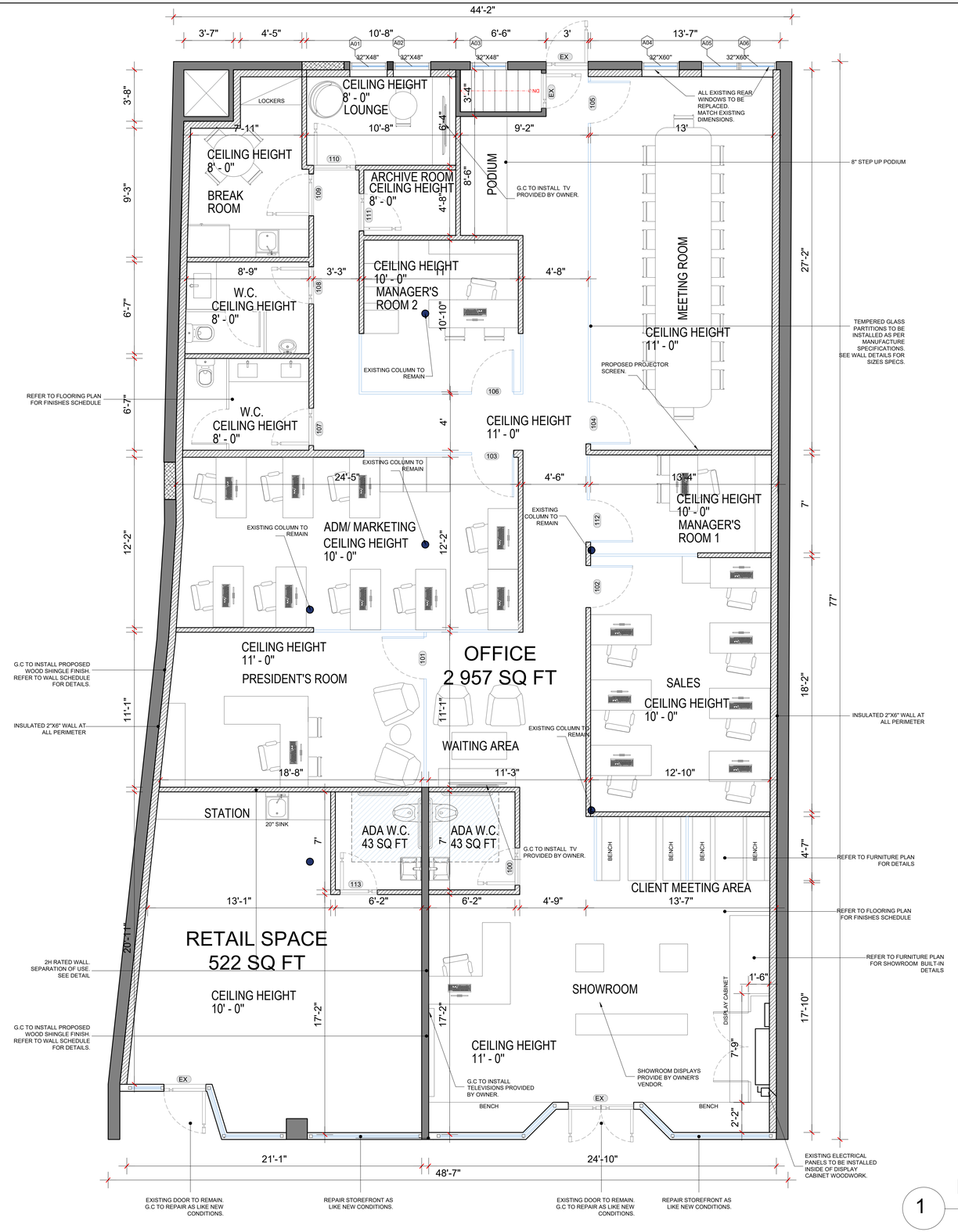
ACCESSIBILITY

DESIGN AND CONSTRUCTION SHALL COMPLY WITH MAAB 521 CMR .

OCCUPANT LOAD PER STORY 1 - 500=
200ft Max Travel Distance without sprinkler.

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.



LEGEND

- EXISTING FOUNDATION WALL.
- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW 2X6 WALL CONSTRUCTION.
- GLASS PARTITION.
- DEMOLITION.

1 PROPOSED FIRST FLOOR PLAN
1/4" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer	Engineer
Nathália Quirino	Nazieh R. Hammouri.
857 888-1216	857 312-9212

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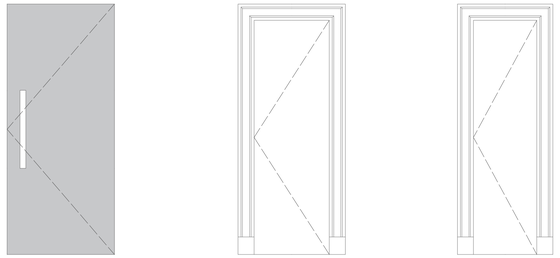
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PROPOSED FLOOR PLAN.

DRAWING NUMBER

A-104

DOOR TYPES



TYPE A
SINGLE INTERIOR - GLASS DOOR
3'0" x 7'0"

TYPE B
SINGLE INTERIOR
3'0" x 7'0"

TYPE C
SINGLE INTERIOR
2'8" x 7'0"

WINDOWS TYPES



TYPE A
DOUBLE-HUNG
2'8" X 4'0"

TYPE B
DOUBLE-HUNG
2'8" X 5'0"

DOOR SCHEDULE

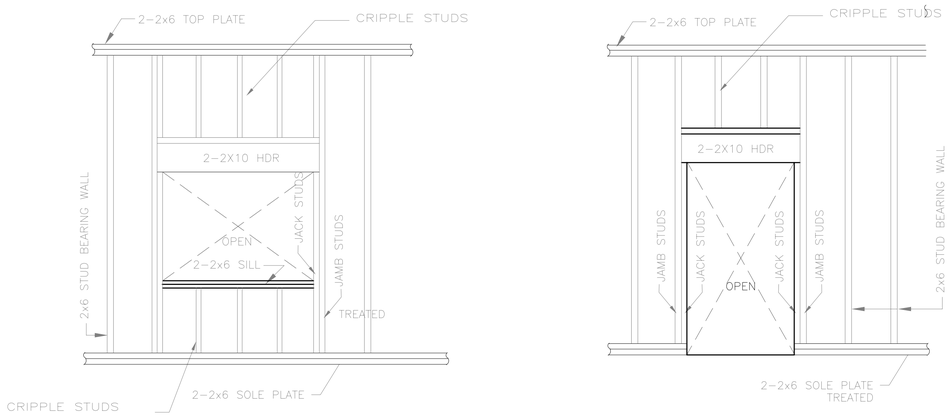
NO.	ROOM NAME	DOOR					
		WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	TYPE
100	ADA W.C.	3' - 0"	7' - 0"				TYPE B
101	PRESIDENT'S ROOM	3' - 0"	7' - 0"				TYPE A
102	SALES	3' - 0"	7' - 0"				TYPE A
103	ADM/ MARKETING	3' - 0"	7' - 0"				TYPE A
104-105	MEETING ROOM	3' - 0"	7' - 0"				TYPE A
106	MANAGER'S ROOM 2	3' - 0"	7' - 0"				TYPE A
107	WOMEN'S RESTROOM	2' - 8"	7' - 0"				TYPE C
108	MEN'S RESTROOM	2' - 8"	7' - 0"				TYPE C
109	BREAK ROOM	3' - 0"	7' - 0"				TYPE B
110	LOUNGE	2' - 8"	7' - 0"				TYPE C
111	ARCHIVE ROOM	3' - 0"	7' - 0"				TYPE B
112	MANAGER'S ROOM 1	3' - 0"	7' - 0"				TYPE A
113	RENTAL SPACE - ADA W.C.	3' - 0"	7' - 0"				TYPE B

EX = EXISTING DOOR

WINDOW SCHEDULE

NO.	ROOM NAME	WINDOW					
		WIDTH	HEIGHT	SILL	MATERIAL	U-VALUE	TYPE
A01	LOUNGE	2' - 8"	4' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE A
A02	LOUNGE	2' - 8"	4' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE A
A03	BASEMENT STAIR	2' - 8"	4' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE A
A04	MEETING ROOM	2' - 8"	5' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE B
A05	MEETING ROOM	2' - 8"	5' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE B
A06	MEETING ROOM	2' - 8"	5' - 0"	4' - 6"	WOOD CLAD	MIN: 0.3	TYPE B

DOOR/WINDOW FRAME



WINDOW OPENING
NO SCALE

DOOR FRAMING
NO SCALE

RISE
ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
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CLIENT

RB FARINA ROOFING

PROJECT TEAM

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Engineer
Nazieh R. Hammouri.
857 312-9212

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Nathalia Quirino — DRAWN BY

1306/ 1308_MASS_AVE — PROJECT #
1306/ 1308_MASS_AVE — FILE NAME

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03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

DOOR & WINDOW SCHEDULE.

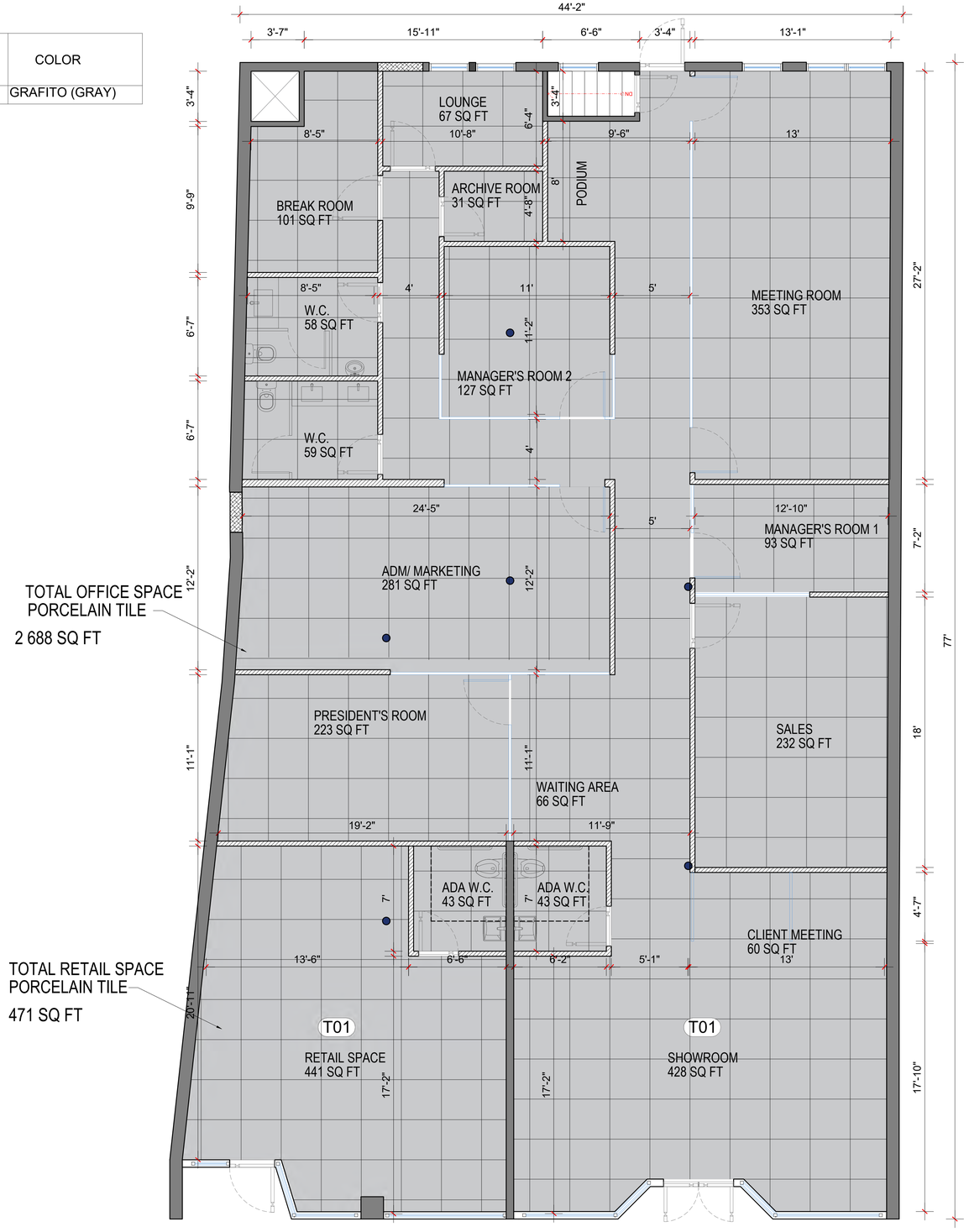
DRAWING NUMBER

A-105

NO.	ROOM NAME	MANUFACTURER	MATERIAL SPEC.	SIZE	COLOR
T01	1ST FLOOR	RIFT (TILEBAR)	SEMI-POLISHED PORCELAIN TILE	32" X 32"	GRAFITO (GRAY)

T01 - PORCELAIN TILE





TOTAL OFFICE SPACE
PORCELAIN TILE
2 688 SQ FT

TOTAL RETAIL SPACE
PORCELAIN TILE
471 SQ FT

1 PROPOSED FIRST FLOOR PLAN

1/4" = 1'0"

LEGEND

- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW EXTERIOR WALL CONSTRUCTION.
- GLASS PARTITION.

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
No. 38786
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

FLOOR SCHEDULE.

DRAWING NUMBER

A-106

FURNITURE SCHEDULE

NO.	ROOM NAME	MANUFACTURER	MATERIAL SPEC.	SIZE	MATERIAL	COLOR
T01	ADM/ SALES/ MANAGER'S 1	MADISON LIQUIDATORS	TABLE CUBICLE	52"X26"	METAL/ WOOD	ESPRESSO
T02	RECEPTION	NATIONAL BUSINESS FURNITURE	REVERSIBLE RECEPTION L-SHAPED DESK ITEM: 16149	42"(H) x71"(W)x72"(D)	WOOD	ESPRESSO
T03	PRESIDENT'S OFFICE	NATIONAL BUSINESS FURNITURE	MIDLAND L-SHAPED STEEL DESK ITEM: 221617	30"(H)x72"(W)x78"(D)	WOOD/ METAL	BLACK/NATURAL TEAK
T04	SALES/MANGER'S 2	NATIONAL BUSINESS FURNITURE	AT WORK WRITING DESK ITEM: 46284	29.25"(H) x 72"(W) x 24"(D)	METAL/ WOOD	WARM ASH/ BRUSHED
T05	CLIENT'S MEETING	WAYFAIR	SANTRELL 55" DINING TABLE SKU:W001152577	29"(H)x55"(W)x24"(D)	METAL/WOOD	BLACK/ RICH BROWN
T06	BREAK ROOM	WAYFAIR	SALEH 36" PEDESTAL TABLE SKU:W002802512	30"(H)x36"(W)x36"(D)	WOOD	WHITE/NATURAL
T07	MEETING ROOM	MADISON LIQUIDATORS	Rectangular Conference Table w/ Laminate and Aluminum Legs	240" X 48"	METAL/WOOD	ROOTS/DARK CHOC.
B01	CLIENT'S MEETING	OVERSTOCK	UPHOLSTERED BENCH ITEM: 40823374	20"(H)x53.54"(W)x18.90"(D)	STEEL/ FABRIC	BLACK/ ORANGE
C01	MULTIPLE	NATIONAL BUSINESS FURNITURE	HARPER MID-BACK EXECUTIVE CHAIR ITEM:56622	42.5"(H)x24.5"(W)x25.5"(D)	METAL/ LEATHER	BLACK/SILVER
C02	BREAK ROOM	WAYFAIR	CINDAL TUFTED SIDE CHAIR (SET OF 2) SKU: W010242018	32.3" (H) x 18.1" (W) x 20.1" (D)	METAL/ LEATHER	BROWN
C03	PRESIDENT'S / WAITING	ALL MODERN	BOLA UPHOLSTERED ARMCHAIR SKU:A001111858	30"(H)x30"(W)x32"(D)	FABRIC	GRAY
C04	LOUNGE	WAYFAIR	STANDARD BEAN BAG CHAIR SKU:W002442759	22"(H)x28"(W)x28"(D)	FABRIC	ORANGE
C05	LOUNGE	WAYFAIR	VEZINA KIDS 3 PIECES ROUND PLAY SKU:W000422693	20"(H)x23.5" (W)x 23.5"(D)	WOOD/ PLASTIC	WHITE
F01	ADM/ MANAGER'S 2/SALES	WAYFAIR	DRAWER STEEL VERTICAL FILING CABINET SKU:W005759798	35.5"(H)x14.25"(W)x18"(D)	STEEL	BLACK
F02	BREAK ROOM	WAYFAIR	3 - Tier 9 - Section 45" Wide Locker	76" H X 45" W X 21" D	WOOD	BLACK/ OAK
F03	MANAGER'S 1 & 2	MADISON LIQUIDATORS	CREDENZA CABINET	71"X22"X29"	WOOD	ESPRESSO
F04	WAITING ROOM	WAYFAIR	MCINTYRE SIDEBOARD SKU: W006507483	32" (H) x 60" (W) x 15" (D)	WOOD	BLACK
F05	LOUNGE	WESTELM	Modern Paneled Wood Media Console (72")	72" X 19" X 18"	WOOD	OAK
F06	WAITING ROOM	ALL MODERN	AKSHAN COFFE TABLE SKU: A000925258	16" (H) x 31.5" (W) x 25.5" (D)	WOOD/METAL	BLACK/ LIGHT OAK
F07	PRESIDENT'S ROOM	ALL MODERN	GLENCOE END TABLE SKU:A000416788	25" (H) x 19" (W) x 19" (D)	METAL	SILVER
D01	SHOWROOM	-	SAMPLE DISPLAY	72" (H) x 24" (W) x 24" (D)	WOOD/METAL	BLACK
D02	SHOWROOM	-	SAMPLE DISPLAY	132" (H) x 84" (W) x 18" (D)	METAL	BLACK
W01	SHOWROOM	WOODWORK OR DESIGNED BY OTHERS	SAMPLE DISPLAY	120" (H) x 160" (W) x 24" (D)	WOOD	BLACK
W02	BREAK ROOM	WOODWORK OR DESIGNED BY OTHERS	CABINETS	36" (H) x 104" (W) x 24" (D)	WOOD	OAK
W03	MANAGER'S 1	WOODWORK OR DESIGNED BY OTHERS	UPPER CABINET	40" (H) x 132" (W) x 15" (D)	WOOD	BLACK
W04	MANAGER'S 2	WOODWORK OR DESIGNED BY OTHERS	UPPER CABINET	40" (H) x 84" (W) x 15" (D)	WOOD	BLACK

T01 - TABLE CUBICLE



T02 - REVERSIBLE RECEPTION DESK



T03 - MIDLAND L-SHAPED DESK



T04 - AT WORK WRITING DESK



T05 - SANTRELL DINING TABLE



T06 - SALEH PEDESTAL TABLE



T07 - CONFERENCE TABLE



B01 - UPHOLSTERED BENCH



C01 - HARPER EXECUTIVE CHAIR



C02 - CINDAL TUFTED SIDE CHAIR



C03 - BOLA UPHOLSTERED ARMCHAIR



C04 - BEAM BAG CHAIR



C05 - VENIZA KIDAS 3 PIECES



F01 - DRAWER STEEL VERTICAL



F02 - LOCKER



F03- CREDENZA CABINET



F04 - SIDEBOARD



F05- TV MEDIA CONSOLE



F06 - COFFEE TABLE



F07 - SIDE TABLE



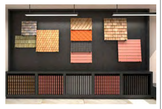
D01 - SAMPLE DISPLAY



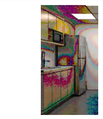
D02 - SAMPLE DISPLAY



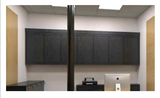
W01 - WOODWORK SAMPLE DISPLAY



W02- KITCHEN CABINET



W03- MANAGER'S 1 UPPER CABINET



W04- MANAGER'S 2 UPPER CABINET

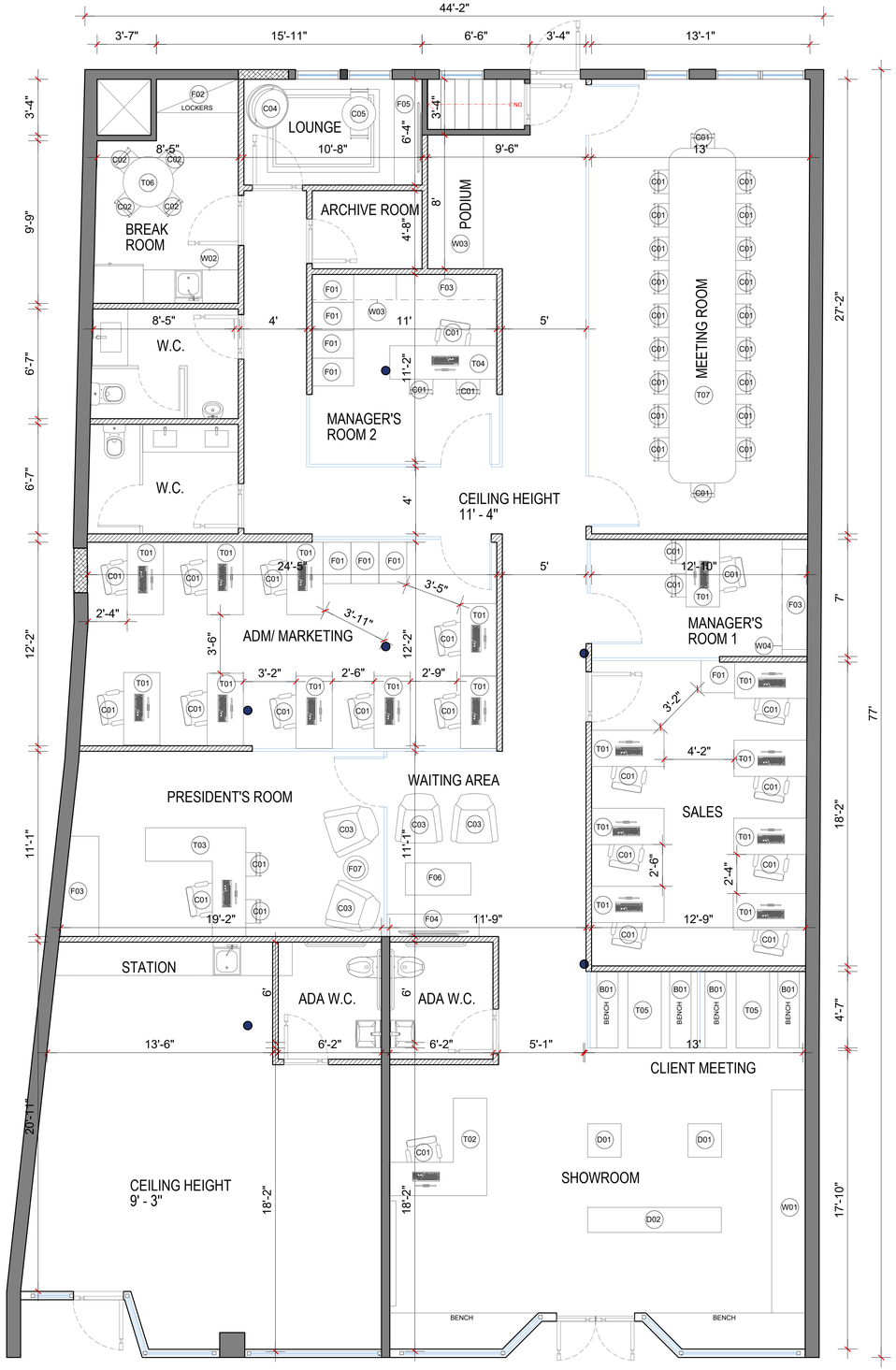


LEGEND

- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW EXTERIOR WALL CONSTRUCTION.
- GLASS PARTITION.

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1 PROPOSED FIRST FLOOR PLAN

1/4" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer	Engineer
Nathália Quirino	Nazieh R. Hammouri.
857 888-1216	857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
No. 38796
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

FURNITURE SCHEDULE.

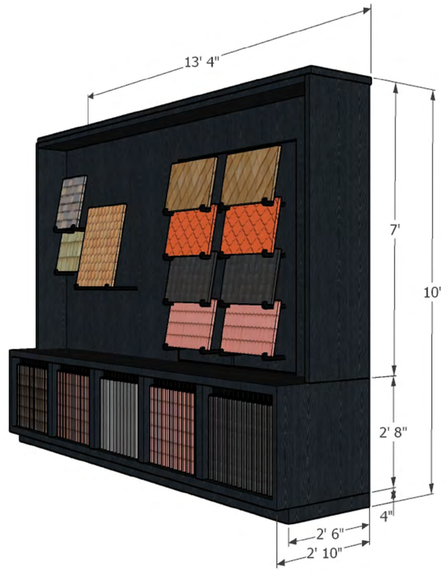
DRAWING NUMBER

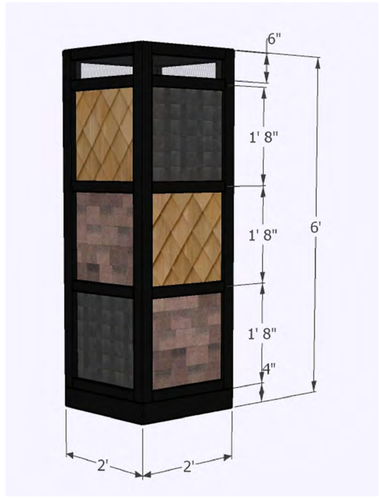
A-107



1 W01 - WOODWORK SAMPLE DISPLAY

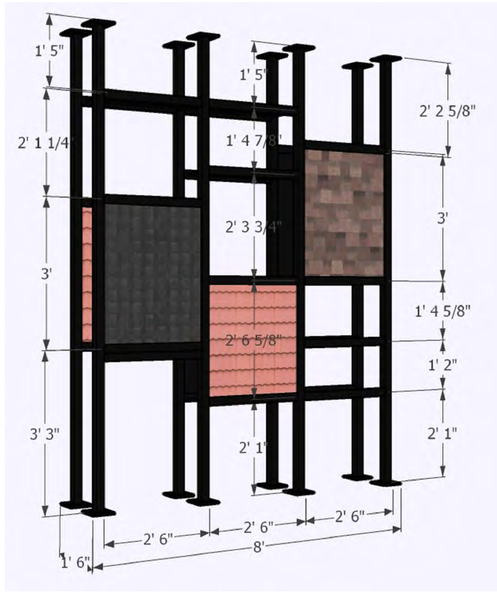
N.T.S.





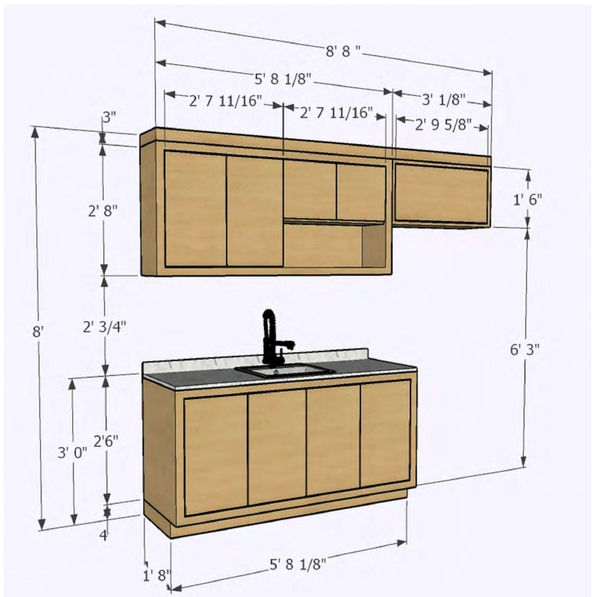
2 D01 - WOODWORK SAMPLE DISPLAY

N.T.S.



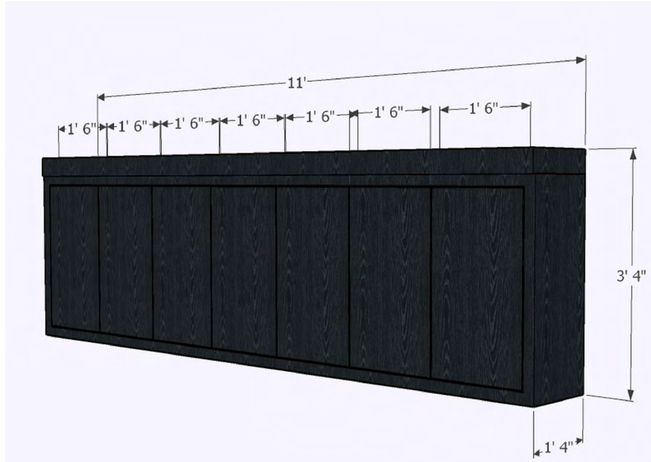
3 D02 - WOODWORK SAMPLE DISPLAY

N.T.S.



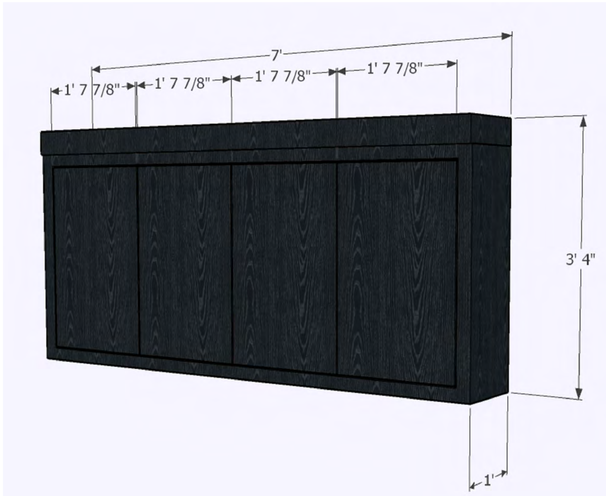
4 W02 - BREAK ROOM CABINET

N.T.S.



5 W03 - UPPER CABINET

N.T.S.



6

N.T.S.

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RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
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CLIENT

RB FARINA ROOFING

PROJECT TEAM

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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
No. 38786
REGISTERED
PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

00	Issue for Permit	01/30/2023
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02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

FURNITURE.

DRAWING NUMBER

A-108

ACCESSIBILITIES NOTES

SINGLE ACCOMODATION SANITARY FACILITIES.

NOTE: Single accommodation sanitary facility is defined as "a room that has not more than one of each type of sanitary fixture, is intended for use by only one person at a time, has no partition around the toilet and has a door that can lock on the inside by the room occupant.

1. There shall be sufficient space in the toilet room for a wheelchair measuring 30" wide by 48" long to enter the room and permit the door to close.

2. There shall be in the room a clear floor space of at least 60" in diameter, or a T-shaped space. no door shall encroach on to this space of more than 12" except for the panel door to any water closet compartment if there is one.

3. The water closet shall be located in a space which provides a minimum 28" wide clear space from a fixture or a minimum of 32" wide clear space from a wall at one side. The other side shall provide 18" from the center line of the water closet to the wall. A minimum 48" clear space shall be provided in front of the water closet.

4. All doors, fixtures and controls shall be on an accessible route with a minimum clear width or 36" except at doors.

SANITARY FACILITY FIXTURES & ACCESSORIES

1. The height of accessible water closets shall be a minimum of 17" and a maximum of 19" measured to the top of a maximum 2" high toilet seat.

2. A clear floor space 30" x 48" shall be provided in front of a lavatory to allow a forward approach. Such clear floor space shall adjoin or overlap an accessible route and shall extend into knee and toe space underneath the lavatory.

3. All lavatories than are designed to be accessible shall be mounted with the rim or counter surface no higher than 34" above the finished floor and with a vertical clearance measured from the bottom of the apron outside or outside bottom edge of the lavatory of 29", reducing to 27" at a point located 8" back from t he front edge. Knee clearance below the lavatory shall extent a minimum of 30" in width by 17" in depth. Toe clearance shall be the same width and shall be a minimum of 9" high from the floor and a minimum of 17" deep from the front of the lavatory.

4. Urinals shall be floor mounter or wall hung. Where one or more urinals are provided, at least one with a rim projecting a minimum of 14" form the wall and a maximum of 17" above the floor shall be provided.

5. Water closet and urinal flush valve controls, and faucet and operating mechanism controls, shall be operable with one hand, shall not require tight grasping, pinching, or twisting of the wrist, and shall be mounted no more than 44" above the floor.

6. Where towel, sanitary napkins, waste receptacles, and other similar dispensing and disposal fixtures are provided, at least one of each type shall be located with all operable parts, including coin slots, within 40" from the finished floor.

7. Toilet tissue dispensers shall be located on the wall within 12" of the front edge of the toilet seat and no lower than 19" from the floor. Dispensers that control delivery or that do not permit continuous flow shall not be permitted.

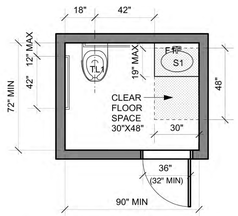
8. Where urinals are provided, at least one shall have a clear floor space 30" x 48" in front of the urinal to allow forward approach.

9. Lavatories when located adjacent to a side wall or partition shall be a minimum of 18" to the centerline of the fixture.

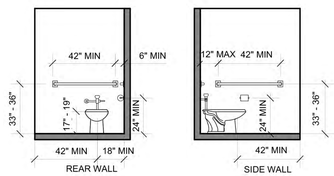
10. Grab bars at the side shall be at least 42" long with the front end positioned 24" in front of the water closet stool. Grab bars at the back shall be not less than 36" long.

11. Grab bars shall be securely attached 33" above and parallel to the floor, except where a tank-type toilet is used which obstructs placement at 33", the grab bar may be as high as 36."

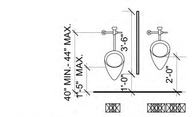
TYPICAL HC ACCESSIBLE BATHROOM



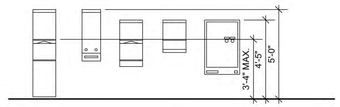
Accessible Unisex Toilet Room - 521 CMR Fig. 30d
Scale 1/2"=1'-0"



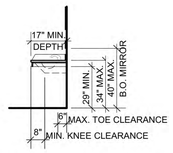
Accessible Toilet Stall Elevations - 521 CMR Fig. 30e
Scale 1/2"=1'-0"



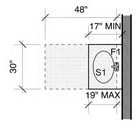
Typical Urinal
Scale 1/2"=1'-0"



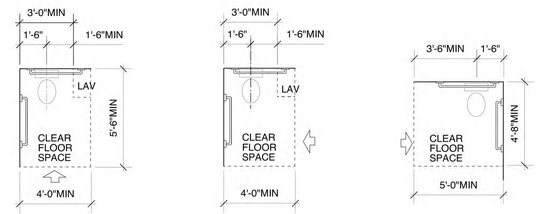
Accessible Mounting Heights - 521 CMR Fig. 30i
Scale 1/2"=1'-0"



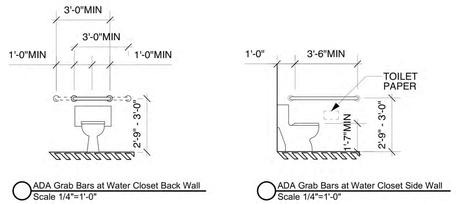
ADA Lavatory Clearances - 521 CMR Fig 30h
Scale 1/2"=1'-0"



ADA Lavatory Clearances - 521 CMR Fig. 30g
Scale 1/2"=1'-0"



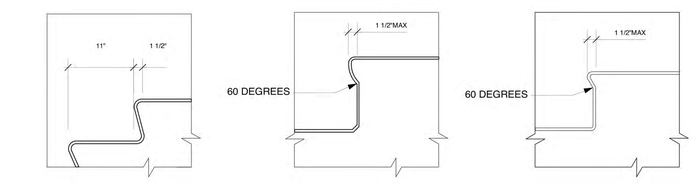
ADA Grab Bars at Water Closet
Scale 1/4"=1'-0"



ADA Grab Bars at Water Closet Back Wall
Scale 1/4"=1'-0"

ADA Grab Bars at Water Closet Side Wall
Scale 1/4"=1'-0"

TYPICAL HC ACCESSIBLE USABLE TREAD WIDTH AND ACCEPTABLE NOSING

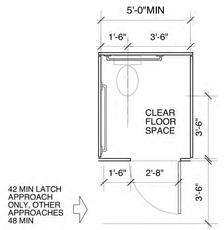


ADA Flush Riser - 521 CMR Fig. 27a
Scale 1"=1'-0"

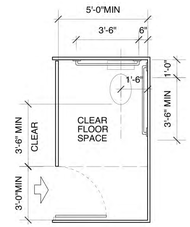
ADA Angled Nosing - 521 CMR Fig. 27b
Scale 1"=1'-0"

ADA Rounder Nosing - 521 CMR Fig. 27b
Scale 1"=1'-0"

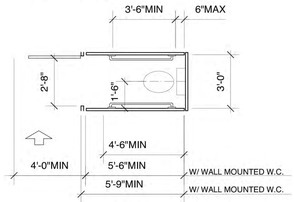
TYPICAL HC ACCESSIBLE TOILET STALLS



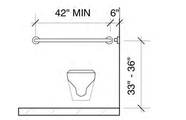
Accessible Unisex Standard Stall - 521 CMR Fig. 30a
Scale 1/4"=1'-0"



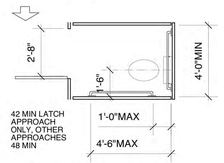
Accessible Unisex Standard Stall (End of Row) - 521 CMR Fig. 30b
Scale 1/4"=1'-0"



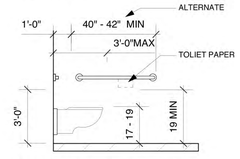
Accessible Unisex Alternate Stall - 521 CMR Fig. 30c
Scale 1/4"=1'-0"



Accessible Unisex Rear Standard Stall
Scale 1/4"=1'-0"

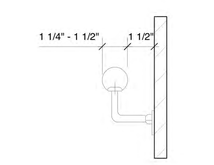


Accessible Unisex Alternate Stall
Scale 1/4"=1'-0"

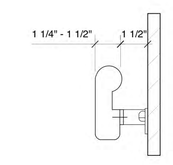


Accessible Unisex Side Standard Stall
Scale 1/4"=1'-0"

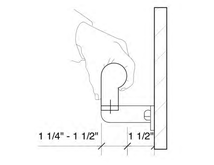
TYPICAL HC ACCESSIBLE GRAB BARS AND HANDRAILS



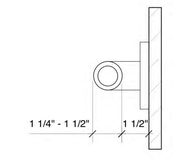
Accessible Hand Rail - 521 CMR Fig. 27e
Scale 3"=1'-0"



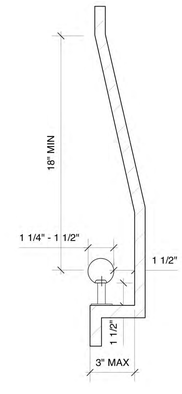
Accessible Hand Rail - 521 CMR Fig. 27e
Scale 3"=1'-0"



Accessible Hand Rail - 521 CMR Fig. 27e
Scale 3"=1'-0"



Accessible Grab Bar - 521 CMR Fig. 30f
Scale 3"=1'-0"



Accessible Hand Rail - 521 CMR Fig. 27e
Scale 3"=1'-0"

REFERENCE AND
VERIFYING COMPLIANCE ONLY

RISE
ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

NAZIEH R. HAMMOURI
STRUCTURAL
No. 39786
REGISTERED
PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

ACCESSIBILITY NOTE

DRAWING NUMBER

A-109

TOILET FIXTURE

NO.	ROOM NAME	MANUFACTURER	MATERIAL SPEC.	SIZE	MATERIAL	COLOR
F01	BATHROOM	ALL MODERN - TOTO	AQUIA 1.28 GALLONS PER MINUTE HIGH EFFICIENCY TWO-PIECE TOILET	27.37" D X 15.56" W X 29.31" H	CERAMIC	COTTON WHITE
F02		ALL MODERN - KOHLER	VERTICYL RECTANGULAR UNDERMOUNT BATHROOM SINK WITH OVERFLOW	6.75" (H)x15.63"(W) x19.83" (L)	CERAMIC	WHITE
F03		ALLMODERN - MOEN	ALIGN SINGLE HOLE BATHROOM FAUCET WITH DRAIN	DIAMETER 1.75"	BRASS	CHROME
F04		LOWES	AMERICAN STANDARD WALL MOUNTED URINAL	26.75" (H) x 17.5" (W)	CERAMIC	WHITE
F05		-	MARBLE SINK	12" (H) x 68"(W) x 22" (L)	MARBLE	-
F06		-	MARBLE SINK	12" (H) x 40"(W) x 22" (L)	MARBLE	-
F07		WAYFAIR	PEDESTAL SINK	31" (H) x 17"(W) x 14" (L)	CERAMIC	WHITE
D01		WAYFAIR	ALESSSANDRA METAL MIRROR	60"X30"	MIRROR	WHITE
D02		WAYFAIR	ALESSSANDRA METAL MIRROR	36"X36'	MIRROR	WHITE
F08		HOME DEPOT - BANGOR	One Elongated Sensor Floor Mounted Toilet System in White with Top Mount	H 28.25 in, W 14.875 in, D 28.5 in	CERAMIC	WHITE
F09		ALL MODERN - TOTO	Supreme® Vitreous China Wall Mount Bathroom Sink	22.88" L X 19.63" W X 25" H	CERAMIC	WHITE

F01 - TOILET



F02 - UNDERMOUNT BATHROOM SINK



F03 - FAUCET



F04 - URINAL



F07 - PEDESTAL SINK



D01 - MIRROR



D02 - MIRROR



F08 - ADA TOILET



F09 - WALL MOUNTED BATH. SINK



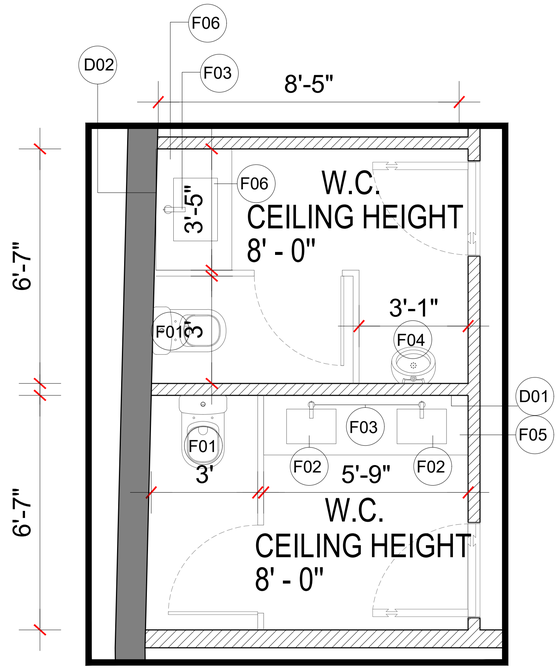


3 BATHROOM IMAGE

NOT TO SCALE

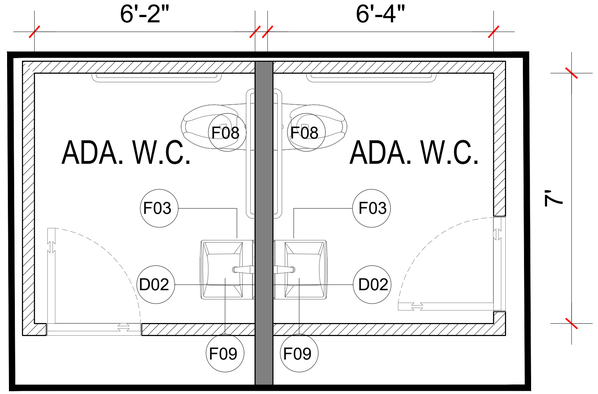
GENERAL NOTE:

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1 PROPOSED W.C.

1/2" = 1'0"



2 PROPOSED ADA. W.C.

1/2" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS — NAZIEH R. HAMMOURI — STRUCTURAL — NO. 39786 — REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED. | Nathalia Quirino
SCALE | DRAWN BY

1306/ 1308_MASS_AVE | 1306/ 1308_MASS_AVE
PROJECT # | FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

PLUMBING FIXTURE.

DRAWING NUMBER

A-110



1 FIRST FLOOR PLAN

1/4" = 1'0"

CEILING PLAN LEGEND	
	NEW GWB CEILING.
	NEW ACT CEILING TILE.
	NEW METAL SUSPENDED CEILING 4'-4" X 4'-4".
R1	RECESSED LED 24".
R2	RECESSED LED 6".
R3	RECESSED LED 4" INSTALLED IN THE WOODWORK.
P1	PENDENT.
P2	BULB PENDENT LIGHTING.
P3	LINEAR PENDENT.
T1	LED TUBE LIGHT T12-36".

GENERAL NOTE:

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RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZEIH R. HAMMOURI
STRUCTURAL
No. 38786
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

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AS INDICATED.	Nathalia Quirino
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03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

CEILING PLAN.

DRAWING NUMBER

A-111

LIGHTING SCHEDULE

NO.	ROOM NAME	TYPE	MANUFACTURER	MATERIAL SPEC.	SIZE	LAMP	MATERIAL/ COLOR
R1	MULTIPLE	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	24" X 24"	LED 3000K	WHITE
R2	PRESIDENT'S/ MEETING/ WAITING	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	DIAMETER: 6"	LED 3000K/ 5500LM	WHITE
R3	SHOWROOM	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	DIAMETER: 4"	LED 3000K	BLACK
P1	SHOWROOM	PENDANT-URBAN PLANT MEDIUM	SHADESOFLIGHT	METAL/ GLASS	17" (H) x 14" (W) x 14"(D)	-	BLACK
P2	SHOWROOM	E27 MINI PENDANT LIGHT - BULB	LUMENS	SILICONE RUBBER/PLASTIC/PVC	9" (H) x 5" (W) x 5" (D)	LED 2500K	ORANGE
P3	MEETING ROOM	12100-66-P LINEAR LED PENDANT	ALCON LIGHTING	ALUMINIUM	48" (W) x 6" (D)	LED 3000K	ORANGE
T1	CORRIDOR	LED TUBE LIGHT T12"-36"	HOMEDEPOT	ALUMINIUM	36" (W)	LED 3000K	WHITE

R1 - RECESSED LIGHT	R2 - RECESSED LIGHT	R3 - RECESSED LIGHT	P1 - PENDANT	P2 - BARE BULB PENDANT	P3 - LINEAR PENDANT
					

T1 - LED TUBE LIGHT



CEILING PLAN LEGEND

	NEW GWB CEILING.
	NEW ACT CEILING TILE.
	NEW METAL SUSPENDED CEILING 4'-4" X 4'-4".
R1	RECESSED LED 24".
R2	RECESSED LED 6".
R3	RECESSED LED 4" INSTALLED IN THE WOODWORK.
P1	PENDENT.
P2	BULB PENDENT LIGHTING.
P3	LINEAR PENDENT.
T1	LED TUBE LIGHT T12-36".

LEGEND

- EXISTING WALL.
- NEW 2X4 WALL CONSTRUCTION.
- NEW EXTERIOR WALL CONSTRUCTION.
- GLASS PARTITION.

GENERAL NOTE:

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1 1ST FLOOR PLAN

1/4" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer	Engineer
Nathália Quirino	Nazieh R. Hammouri.
857 888-1216	857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZEIH R. HAMMOURI
STRUCTURAL
No. 38796
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

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01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

LIGHTING SCHEDULE.

DRAWING NUMBER

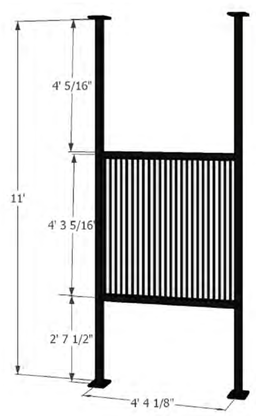
A-112

WALL SCHEDULE

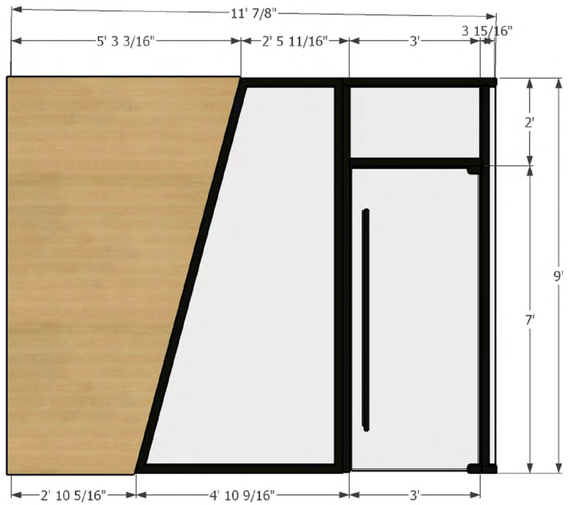
NO.	ROOM NAME	DESCRIPTION	MANUFACTURER	COLOR/ MATERIAL SPEC.
01	MULTIPLE	WALL	SHERWIN WILLIAMS	SW7005 PURE WHITE
02	CORRIDOR/MEETING/SALES	WALL	SHERWIN WILLIAMS	SW7071 GRAY SCREEN
03	SHOWROOM/PRESIDENT'S	WALL	-	DIAMOND WOOD SHINGLE
04	PODIUM	WALL	-	MARBLE
05	CLIENT'S MEETING	GLASS PARTITION	-	BLACK METAL/ CORRUGATED GLASS
06	PRESIDENT'S ROOM	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
07	PRESIDENT'S/ ADM	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
08	ADM	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
09	MANAGER'S 2	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
10	MANAGER'S 1	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
11	MANAGER'S 1/ SALES	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL
12	MEETING ROOM	GLASS PARTITION	-	OAK/ GLASS/ BLACK METAL

GENERAL NOTE:

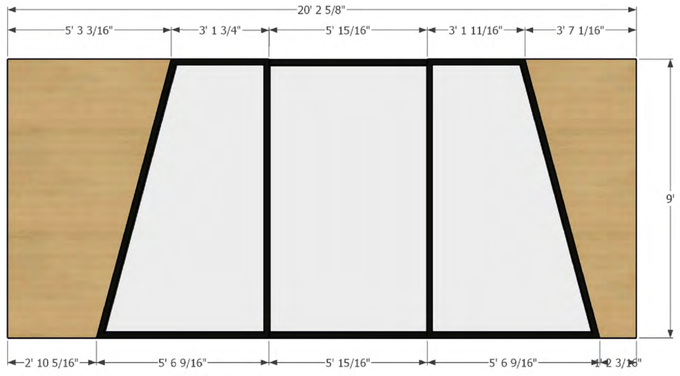
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2 GLASS PARTITION NO.5
N.T.S.



3 GLASS PARTITION NO.6
N.T.S.



4 GLASS PARTITION NO.7
N.T.S.



1 FIRST FLOOR PLAN
1/4" = 1'0"

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
No. 38796
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

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DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
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04	Facade	07/13/2023

DRAWING TITLE

WALL SCHEDULE.

DRAWING NUMBER

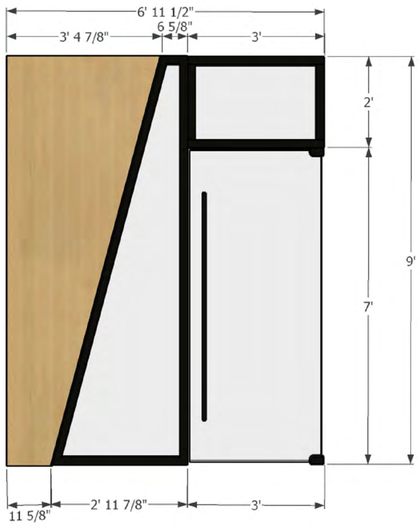
A-113

WALL SCHEDULE

NO.	ROOM NAME	DESCRIPTION	MANUFACTURER	COLOR/ MATERIAL SPEC.
01	MULTIPLE	WALL	SHERWIN WILLIAMS	SW7005 PURE WHITE
02	CORRIDOR/MEETING/SALES	WALL	SHERWIN WILLIAMS	SW7071 GRAY SCREEN
03	SHOWROOM/PRESIDENT'S	WALL	-	DIAMOND WOOD SHINGLE
04	PODIUM	WALL	-	MARBLE
05	CLIENT'S MEETING	GLASS PARTITION	-	BLACK METAL/ CORRUGATED GLASS
06	PRESIDENT'S ROOM	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
07	PRESIDENT'S/ ADM	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
08	ADM	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
09	MANAGER'S 2	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
10	MANAGER'S 1	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
11	MANAGER'S 1/ SALES	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL
12	MEETING ROOM	GLASS PARTITION	-	OAK/ GLASS/BLACK METAL

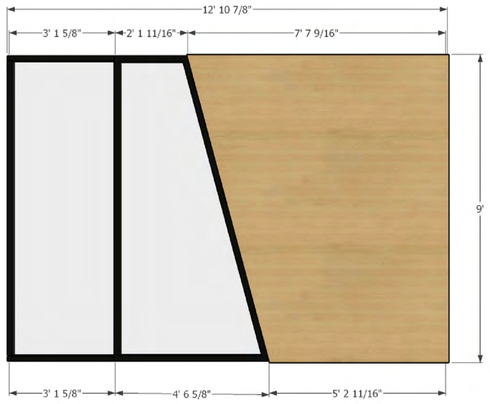
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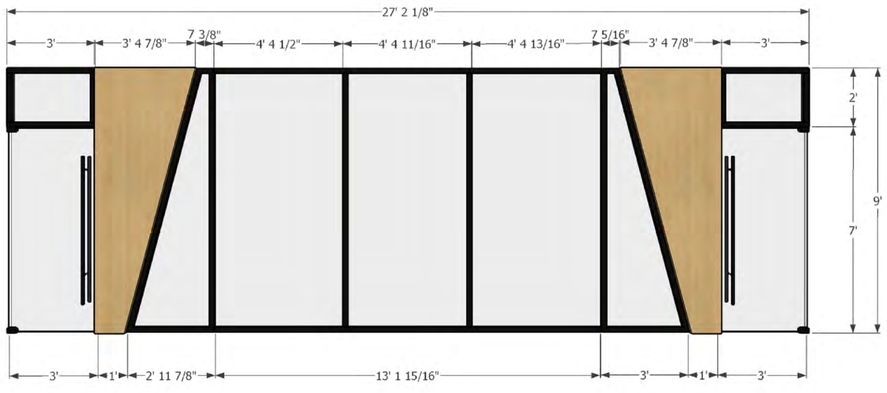
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N.T.S.



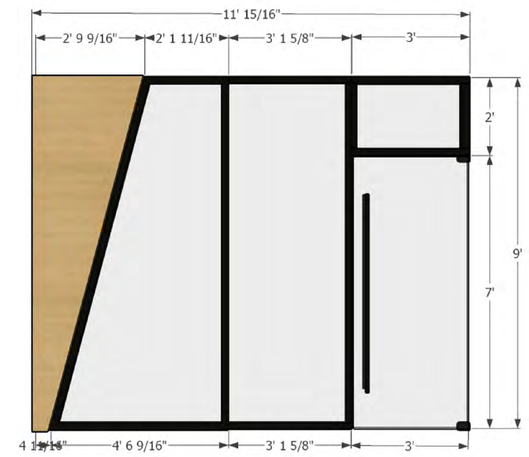
4 GLASS PARTITION NO. 11

N.T.S.



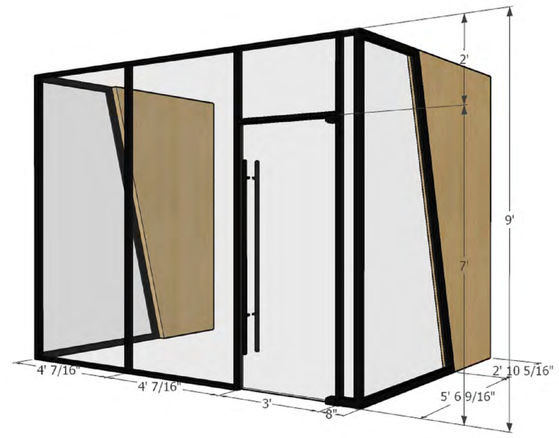
5 GLASS PARTITION NO.12

N.T.S.



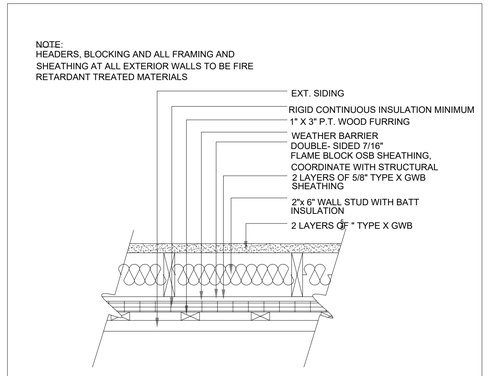
1 GLASS PARTITION NO. 8

N.T.S.



2 GLASS PARTITION NO. 9

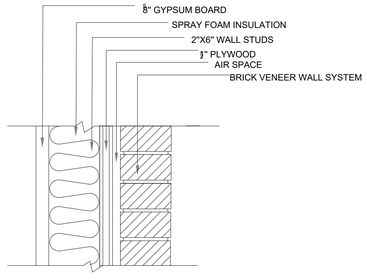
N.T.S.



A EXTERIOR WALL

SCALE: 1" = 1'-0"

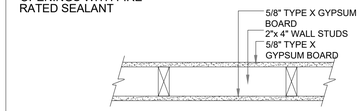
FIRE RATING
REQUIRED: 1 HOUR FROM EXTERIOR
PROVIDED: 2 HOUR FROM INTERIOR
DESIGN: UL W408



B EXTERIOR WALL

SCALE: 1" = 1'-0"

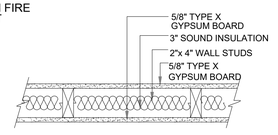
EXTERIOR WALL TYPES



TYPICAL AT ALL INTERIOR PARTITIONS
USE MOISTURE RESISTIVE GYPSUM BOARD AT TOILET ROOMS
USE 1/2" CEMENT BOARD AT ALL TILE LOCATIONS

1 INTERIOR PARTITION

SCALE: 1" = 1'-0"

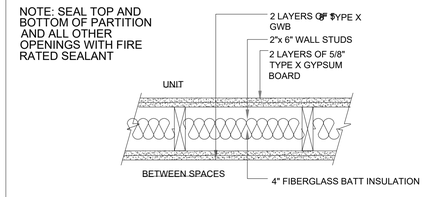


2 INTERIOR PARTITION - INSULATED

BATHROOMS, MECHANICAL CLOSETS, LAUNDRY CLOSETS

SCALE: 1" = 1'-0"

TYPICAL AT ALL INTERIOR PARTITIONS
USE MOISTURE RESISTIVE GYPSUM BOARD AT TOILET ROOMS
USE 1/2" CEMENT BOARD AT ALL TILE LOCATIONS



3 INTERIOR WALLS AT SEPARATION OF USE

SCALE: 1" = 1'-0"

FIRE RATING
REQUIRED: 2 HOUR
PROVIDED: 2 HOUR
STC RATING:52
DESIGN: UL U301

INTERIOR WALL TYPES

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION



July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

WALL SCHEDULE.

DRAWING NUMBER

A-114



1 FACADE

NOT TO SCALE

GENERAL NOTE:

VERIFY AND CONFIRM ALL CONDITIONS AND/OR DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION OR ORDERING MATERIALS. NOTIFY ARCHITECT OF ANY INCONSISTENCIES FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH CONSTRUCTION.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer	Engineer
Nathália Quirino	Nazieh R. Hammouri.
857 888-1216	857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023
01	Issue for Permit	05/05/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
NAZIEH R. HAMMOURI
STRUCTURAL
NO. 39786
REGISTERED PROFESSIONAL ENGINEER

July 13, 2023.
DATE OF ISSUE

Issued for permit.
DESCRIPTION

AS INDICATED.	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
PROJECT #	FILE NAME

Revisions

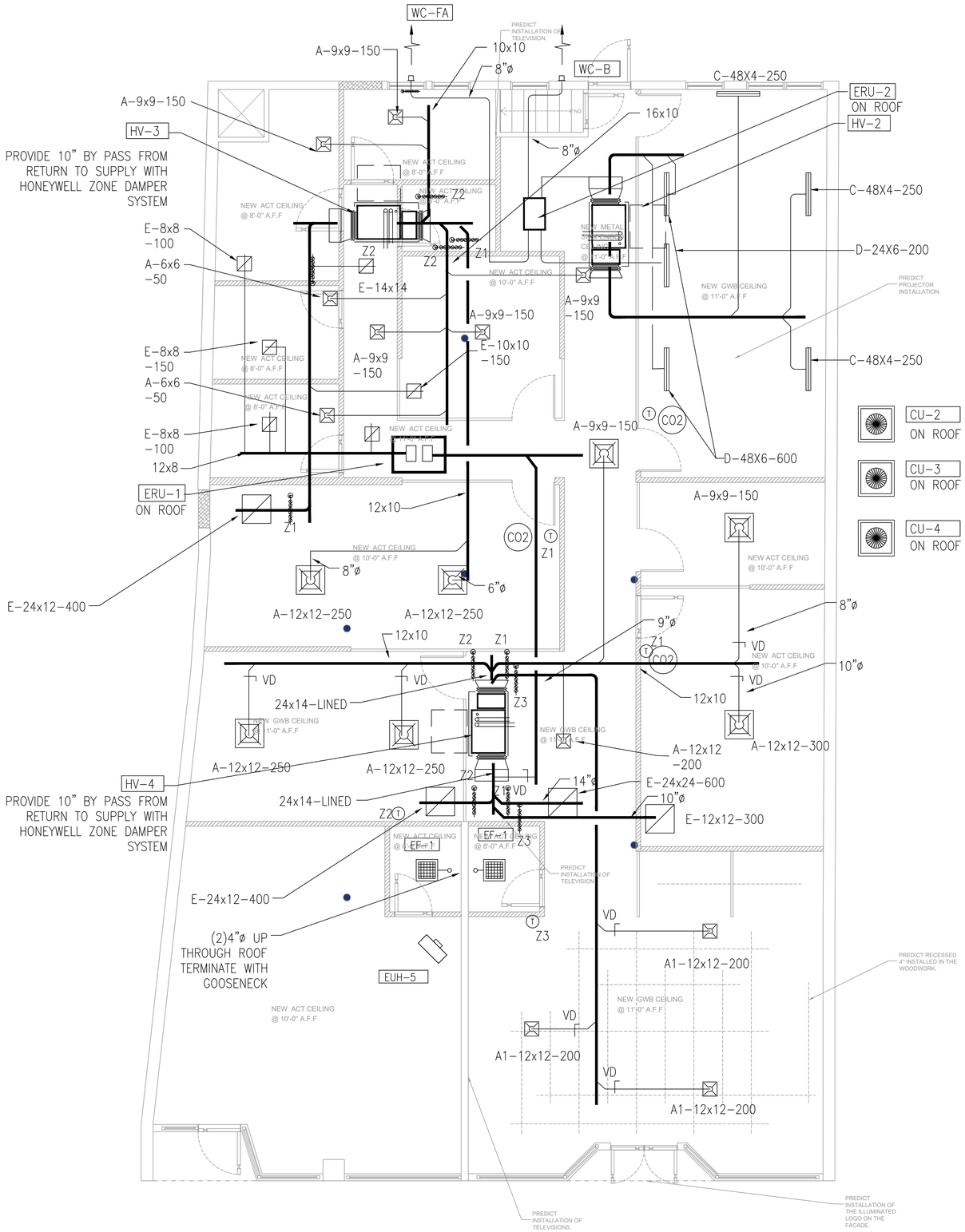
00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023
02	Restroom & panels	05/01/2023
03	Issue for Permit	05/04/2023
04	Facade	07/13/2023

DRAWING TITLE

FACADE

DRAWING NUMBER

A-115



RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023

ZADE ENGINEERING LLC
CONSULTING ENGINEERS
1 BILLINGS ROAD STE 306, QUINCY, MA 02171
TEL. (617) 338-4406
FAX. (617) 451-2540
E-MAIL. zade@zadeengineering.com

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MOHAMMED ZADE
No. 22233
REGISTERED PROFESSIONAL ENGINEER

May 25 2023.
DATE OF ISSUE

DESCRIPTION

Nathalia Quirino
SCALE
DRAWN BY

1306/ 1308_MASS_AVE
PROJECT #
1306/ 1308_MASS_AVE
FILE NAME

Revisions

00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023

DRAWING TITLE

HVAC FLOOR PLANS

DRAWING NUMBER

H-100

GENERAL NOTES

1. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO EXECUTE THE WORK SHOWN AND DESCRIBED. INSTALLATION OF MATERIALS SHALL MEET ALL APPLICABLE STATE, FEDERAL AND MUNICIPAL REQUIREMENTS.
2. OBTAIN PERMITS AND PAY ALL FEES FOR WORK AND REQUIRED INSPECTIONS.
3. MAINTAIN LIABILITY INSURANCE TO PROTECT OWNER AND THE CONTRACTOR FROM ANY AND ALL CLAIMS UNDER THE WORKER'S COMPENSATION ACT.
4. THE DRAWINGS SHALL CONSIDERED DIAGRAMMATIC ONLY. ALL MEASUREMENTS SHALL BE TAKEN FROM BUILDING SITE AND ARCHITECT'S DRAWINGS.
5. PROVIDE TEMPORARY MATERIAL STORAGE AS REQUIRED AND BE RESPONSIBLE FOR ANY LOSS OR DAMAGE THERETO.
6. SUBMIT 7 COPIES OF SHOP DRAWINGS FOR REVIEW COVERING MAJOR MANUFACTURED ITEMS, IE. AIR HANDLING UNITS, REGISTERS & DIFFUSERS, WIRING DIAGRAMS, ETC.
7. KEEP ACCURATE RECORD OF "AS-BUILT" DRAWINGS AND SUBMIT THESE BEFORE FINAL CERTIFICATE OF COMPLETION.
8. ON COMPLETION OF THE WORK, REMOVE FROM THE PREMISES ALL TOOLS, DEBRIS, SURPLUS AND WASTE MATERIALS RESULTING FROM OPERATIONS UNDER THIS SECTION. CLEAN ALL EQUIPMENT AND LEAVE ALL ITEMS IN PERFECT ORDER READY FOR OPERATION.
9. AFTER ACCEPTANCE, INSTRUCT OWNER IN EQUIPMENT OPERATION AND PROVIDE HIM WITH OPERATING AND MAINTENANCE MANUALS STANDARDS AND EXTENDED WARRANTY DOCUMENTS, INSPECTION CERTIFICATES AND COPIES OF SHOP DRAWINGS OF INSTALLED EQUIPMENT.
10. THE CONTRACTOR SHALL, BEFORE FINAL PAYMENT IS MADE, GUARANTEE ALL MATERIALS AND WORKMANSHIP SUPPLIED BY HIM IN THE PERFORMANCE OF THIS CONTRACT FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE AND SHALL, WHEN CALLED UPON, MAKE GOOD WITHOUT FURTHER COST TO THE OWNER SUCH DEFECTS AS MAY APPEAR WITHIN THIS PERIOD.
11. SUPPLY AND INSTALL DUCTWORK AS INDICATED ON DRAWING. DUCTWORK SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH LATEST ASHRAE & SMACNA STANDARDS AND SHALL BE MANUFACTURED OF GALVANIZED STEEL UNLESS SPECIFICALLY NOTED OTHERWISE.
12. ADJUST ALL FAN SPEEDS TO DELIVER SHOWN AIR QUANTITIES. BALANCE ALL AIR SYSTEMS AND SUPPLY WRITTEN AIR BALANCING REPORTS IN TRIPLICATE. INCLUDE NECESSARY SPARE BELTS AND PULLEYS FOR FIELD ADJUSTMENT.
13. ALL CONCEALED SUPPLY AND RETURN DUCTWORK LOCATED WITHIN THE BUILDING SHALL BE EXTERNALLY INSULATED WITH 1 1/2" THICK INSULATION WITH A MINIMUM "R-6" VALUE. THERMAL INSULATION SHALL BE PROVIDED WITH VAPOR BARRIER. ALL SUPPLY AND RETURN DUCTWORK LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE FURNISHED WITH 3" THICK INSULATION WITH A MINIMUM "R-8" VALUE. THERMAL INSULATION LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE PROVIDED WITH WEATHER-PROOF JACKET.
14. ALL DUCTWORK SHALL BE: 24 GAUGE UP TO 36 INCHES WIDE, 22 GAUGE 31 INCHES WIDE TO 60 INCHES WIDE, ROUND DUCT SHALL BE 24 GAUGE UO TO 10 INCHES DIAMETER, 22 GAUGE 11 TO 20 INCHES DIAMETER, 20 GAUGE ABOVE 20 INCHJES DIAMETER; ALL GALVINIZED SHEETMETAL. SEAL ALL JOINTS AND SLIPS WITH EC 800 OR OTHER SUITABLE SEALANT. ALL LONGITUDINAL SEAMS SHALL BE PITTSBURG LOCKING TAPE. ALL SLIPS SHALL BE REINFORCED BAR TYPE. FABRICATE AND INSTALL ALL DUCTS IN COMPLIANCE WITH SMACNA STANDARDS FOR LOW PRESURE DUCT CONSTRUCTION.
15. ALL DUCT CONNECTIONS TO FAN DRIVEN UNITS SHALL BE MADE WITH A FIREPROOF FLEXIBLE DUCT CONNECTOR.
16. BEFORE THE H.V.A.C. SYSTEM IS OPERATED, ALL DUCTS SHALL BE BLOWN OUT & THOUGHLY CLEANED. SYSTEM SHALL BE TEST AT FULL PRESSURE & ALL LEAKS & FAULTS CORRECTED.
17. INSTALL ALL PIPING AND VALVES AS HIGH AS POSSIBLE.
18. HOT WATER SUPPLY AND RETURN PIPE SHALL BE TYPE L COPPER
19. PIPE INSULATION – HOT WATER SUPPLY AND RETURN PIPE 2" THICK FIBERGLASS INSULATION.
20. BALANCE THE AIR SYSTEM AS PER ASSOCIATED AIR BALANCING COUNCILS LATEST STANDARDS. SUBMIT BALANCING REPORT FOR ARCHITECTS APPROVAL.
21. THESE DRAWINGS ARE DIAGRAMMATIC. FIELD CONDITIONS SHALL DETERMINE ACTUAL LOCATION OF ALL NEW PIPING AND DUCTWORK.
22. ALL VALVES AND FITTINGS SHALL BE SUITABLE FOR THIS PARTICULAR PIPING APPLICATION AND MINIMUM 150LBS PRESSURE RATING.

ENERGY CODE 2021 REQUIREMENTS

APPLICABILITY (CONTRACTOR SHALL PROVIDE ALL ITEMS LISTED BELOW)

RESIDENTIAL BUILDING. FOR THIS CODE, INCLUDES DETACHED ONE– AND TWO–FAMILY DWELLINGS AND MULTIPLE SINGLE–FAMILY DWELLINGS (TOWNHOUSES) AS WELL AS GROUP R–2, R–3 AND R–4 BUILDINGS THREE STORIES OR LESS IN HEIGHT ABOVE GRADE PLANE.

R401.2 COMPLIANCE.
PROJECTS SHALL COMPLY WITH SECTIONS IDENTIFIED AS "MANDATORY" AND WITH EITHER SECTIONS IDENTIFIED AS "PRESCRIPTIVE" OR THE PERFORMANCE APPROACH IN SECTION R405. (PRESCRIPTIVE METHOD IS CHOSEN)

R403.1.1 PROGRAMMABLE THERMOSTAT.

PROVIDE, AT LEAST ONE THERMOSTAT PER DWELLING UNIT. THERMOSTAT SHALL BE CAPABLE OF CONTROLLING THE HEATING AND COOLING SYSTEM ON A DAILY SCHEDULE TO MAINTAIN DIFFERENT TEMPERATURE SET POINTS AT DIFFERENT TIMES OF THE DAY. THIS THERMOSTAT SHALL INCLUDE THE CAPABILITY TO SET BACK OR TEMPORARILY OPERATE THE SYSTEM TO MAINTAIN ZONE TEMPERATURES DOWN TO 55°F (13°C) OR UP TO 85°F (29°C). THE THERMOSTAT SHALL INITIALLY BE PROGRAMMED WITH A HEATING TEMPERATURE SET POINT NO HIGHER THAN 70°F (21°C) AND A COOLING TEMPERATURE SET POINT NO LOWER THAN 78°F (26°C).

PROVIDE PER R403.1.2, HEAT PUMP SUPPLEMENTARY HEAT (MANDATORY).
HEAT PUMPS HAVING SUPPLEMENTARY ELECTRIC–RESISTANCE HEAT SHALL HAVE CONTROLS THAT, EXCEPT DURING DEFROST, PREVENT SUPPLEMENTAL HEAT OPERATION WHEN THE HEAT PUMP COMPRESSOR CAN MEET THE HEATING LOAD.

PROVIDE PER R403.2.1 INSULATION (PRESCRIPTIVE).
ANY SUPPLY DUCT IN ATTIC SHALL BE INSULATED TO A MINIMUM OF R–12. ALL OTHER DUCTS SHALL BE INSULATED TO A MINIMUM OF R–6.

PROVIDE PER R403.2.2 SEALING (MANDATORY).
ALL DUCTS, AIR HANDLERS, AND FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH EITHER THE INTERNATIONAL MECHANICAL CODE OR INTERNATIONAL RESIDENTIAL CODE, AS APPLICABLE.

DO NOT USE BUILDING CAVITIES PER R403.2.3. (MANDATORY).
BUILDING FRAMING CAVITIES SHALL NOT BE USED AS DUCTS OR PLENUMS.

R403.3.2 SEALING (MANDATORY)
DUCTS, AIT HANDLERS AND FILTER BOXES SHALL BE SEALED. JOINTS AND SEAMS SHALL COMPLY WITH EITHER THE INTERNATIONAL MECHANICAL CODE OR IRC, AS APPLICABLE

EXCEPTIONS:
1. AIR–IMPERMEABLE SPRAY FOAM PRODUCTS SHALL BE PERMITTED TO BE APPLIED WITHOUT ADDITONAL JOINT SEALS
2. FOR DUCTS HAVING A STATIC PRESSURE CLASSIFICATION OF LESS THAN 2 INCHES OF WATER COLUMN (500 PA) , ADDITIONAL CLOSURE SYSTEMS SHALL NOT BE REQUIRED TO CONTINUOUSLY WELDED JOINTS AND SEAMS, LOCKING TYPE JOINTS AND SEAMS OF OTHER THAN THE SNAP–LOCK AND BUTTON–LOCK TYPES.

403.3.2.1– SEALED AIR HANDLER
AIR HANDLERS SHALL HAVE A MANUFACTURERS DESIGNATION OF AIR LEAKAGE OF NO MORE THAN 2 PERCENT OF THE DESIGN AIR FLOW RATE WHEN TESTED IN ACCORDANCE WITH ASHRAE 193.

R403.3.3 DUCT TESTING
DUCRS SHALL BE PRESSURE TESTED THROUGH ROUGH IN TEST, POST CONSTRUCTION TEST

EXCEPTION– NOT REQUIRED WHERE DUCTS AND AIR HANDLERS ARE LOCATED ENITRLEY THROUGH THE BUILING THERMAL ENVELOPE

GENERAL NOTES:

1. SHOULD ANY CONTRADICTION, AMBIGUITY, ERROR, INCOSISTENCY, OMMISION OR INCOMPLETE SYSTEM APPEAR IN OR BETWEEN ANY OF CONTRACT DOCUMENTS THE CONTRACTOR SHALL, BEFORE SUBMITTING THE FINAL BID AND SIGNING THE CONTRACT FOR CONSTRUCTION, NOTIFY THE ARCHITECT AND REQUEST A WRITTEN RESOLUTION AS TO WHICH METHODS OR MATERIALS WILL BE REQUIRED. IN THE EVENT OF CONFLICTING REQUIREMENTS OF STANDARDS , DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL COMPLY WITH THE MORE STRINGENT REQUIREMENTS. BEFORE SUBMITTING THE FINAL BID AND THE SIGNING THE CONTRACT FOR THE CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A WRITTEN INTERPRETATION FROM THE ARCHITECT. IN NO CASE SHALL THE CONTRACTOR PROCEED WITH THE AFFECTED WORK UNTIL ADVISED BY THE ARCHITECT.

IF THE CONTRACTOR FAILS TO MAKE A REQUEST FOR INTERPRETATION OR RESOLUTION NO EXCUSE WILL BE ACCEPTED FOR FAILURE TO CARRY OUT THE WORK IN A SATISFACTORY MANNER, AS INTERPRETED BY THE ARCHITECT. THIS GENERALLY MEANS THE USE OF THE HIGHEST QUALITY MATERIAL, MOST EXPENSIVE WAY OF PERFORMING WORK AND PROVIDING COMPLETE FUNCTIONING SYSTEM FOR PROPER OPERATION.

EACH AND EVERY TRADE OR SUBCONTRACTOR WILL BE DEEMED TO HAVE FAMILIARIZED THEMSELVES WITH ALL THE CONTRCAT DOCUMENTS OF THIS PROJECT, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND SITE WORK, AND TO HAVE VISITED THE SITE, SO AS TO AVOID ERRORE, OMMISIONS AND MISINTERPRETATIONS. RELATED INFORMATION MAY BE PROVIDED ON CONTRACT DOCUMENTS OTHEP THAN THOSE ASSOCIATED WITH THE SUBCONTRACTOR'S TRADE. THE CONTRACTOR IS RESPONSABLE FOR COORDINATING RELATED WORK OF ALL THE CONTRACT DOCUMENTS. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR ALLEGED ERRORS, OMMISIONS AND MISINTERPRETATIONS WHETHER THEY ARE A RESULT OF FAILURE TO OBSERVE THIS REQUIREMENT OR NOT.

2. ALL PENETRATIONS OF ASSEMBLIES EXPOSED TO THE EXTERIOR ENVIRONMENT SHALL BE SEALED WITH FOAM SEALANT OR EQUIVALENT SEALER TO PROVIDE ZERO AIR INFILTRATION. COORDINATE WITH FIRE STOPPING REQUIREMENTS.

3. NO COMPONENT OF ANY SYSTEM SHALL DOES NOT RELATE TO OR SERVE THE STAIR ENCLOSURE

INSULATION NOTES

CONTRACTOR SHALL FOLLOW THE MOST STRINGENT INSULATION REQUIREMENT FOR EACH ITEM

THE FOLLOWING SYSTEMS SHALL BE INSULATED.
DUCT LINER SHALL BE CLOSED CELL TYPE, GERM PROOF

IECC 2021 REQUIREMENTS:

1. HEATING HOT WATER MAINS AND BRANCHES:
   PIPING < 1" REQUIRES 1 1/2" INSULATION
   PIPING > 1½" REQUIRES 2" INSULATION
2. SUPPLY & RETURN DUCTWORK FROM HVAC UNITS:
   1 1/2" INSULATION MIN. R–6

GENERAL INSULALTION REQUIREMENTS:

1: ALL LINED SUPPLY, RETURN AND TRANSFER DUCTWORK SHALL BE 1" DUCT LINER
   –DUCT INSULATION SHALL CONTINUE OVER DUCT AT LINED POINT
   –FIRST 10' OF SUPPLY AND RETURN FOR ALL ERU'S AND HVAC UNITS
2. CONDENSATE DRAIN: 1"
3. REFRIGERANT PIPING ¾" ARAMFLEX

ALL DUCTWORK ON ROOF SHALL BE INSULATED WITH R–12 INSULATION AND COVERED WITH EPDM ROOFING MATERIAL FOR WATER TIGHT INSTALLATION.

NOTE
FIRE RATED CEILING.
–ALL RECESSED DIFFUSERS AND REGISTERS SHALL HAVE RADIATION DAMPERS.
–ALL UNITS DUCTED TO PLENUM SPACE SHALL HAVE FIRE DAMPERS
–ALL RETURN DUCTS SHALL BE BELOW THE RATED CEILING, DROPED CEILING AREAS SHALL NOT BE RATED CEILING
–ALL RETURN AIR GRILLS ON CEILING SHALL HAVE FIRE DAMPERS
–ALL UNIT DISCHAGES SHALL BE OFFSET TO GET INTO PROPER JOIST SPACES, CARRY TRANSITION PIECE AS NEEDED
–ALL KITCHEN EXHAUST DUCTS OR DUCTS LARGER THAN ø4" DIAMETER SHALL HAVE FIRE DAMPERS AT CEILING PENETRATIONS
–ALL DRYERS SHALL HAVE DRYER ELBOWS, SEE DETAIL
–ALL DUCTWORK IN CEILING SPACE SHALL HAVE R–6 INSULATION,
–ALL FRESH AIR DUCTS SHALL HAVE MOTORIZED DAMPERS INTERLOCKED WITH UNIT AND HAVE VOLUME DAMPERS AND INSULATED WITH R–4

FIRE SAFE THROUGH WOOD FLOORS

TYPE	SIZE	HILTI	MATERIAL	RATING	BOTTOM	TOP	CHASE WALL
STEEL/CAST COPPER/EMT	MAX 4"	FS–ONE	INTUMESCENT SEALANT	2HRS	FIRE STOP	FIRE STOP	REQUIRED
STEEL/CAST 4" EMT/ 2" FLEX	MAX 6"	FS–ONE	INTUMESCENT SEALANT	2HRS	FIRE STOP	FIRE STOP	NOT REQUIRED
STEEL/CAST COPPER/EMT	MAX 4"	CP–620	FIRE FOAM	1HRS	FIRE STOP	FIRE STOP	REQUIRED
PEX	MAX 1"	CP 645	INTUMESCENT STRIP W/COLLAR	1HRS	BOTH SIDES	BOTH SIDES	NOT REQUIRED
PVC PIPE	MAX 2"	FS–ONE	INTUMESCENT SEALANT	1HRS	FIRE STOP	FIRE STOP	NOT REQUIRED
PVC PIPE	MAX 4"	FS–ONE	INTUMESCENT SEALANT	2HRS	FIRE STOP	FIRE STOP	REQUIRED
PVC PIPE	MAX 4"	CP 645	INTUMESCENT STRIP W/COLLAR	1HRS	COLLAR	FIRE STOP	NOT REQUIRED
REFRIGERANT	–	FS–ONE	INTUMESCENT SEALANT	–	1HRS	FIRE STOP	FIRE STOP	NOT REQUIRED
4" DUCT INSULATED COPPER/STEEL	MAX 4"	FS–ONE	INTUMESCENT SEALANT	–	1HRS	FIRE STOP	FIRE STOP	NOT REQUIRED
	MAX 2"	FS–ONE	INTUMESCENT SEALANT	–	1HRS	FIRE STOP	FIRE STOP	NOT REQUIRED
CABLES	MAX 2"	FS–ONE	INTUMESCENT SEALANT	–	1HRS	FIRE STOP	FIRE STOP	NOT REQUIRED

ELECTRIC HEATER SCHEDULE

TYPE	KW	VOLT/PH	DIMENSIONS	MODEL NUMBER–COLOR BY ARCH
RWH–1	1	120/1		Q'MARK#CRA 1512–T2
RWH–2	2	120/1	19"HX16"WX4"D	Q'MARK# MCSSARWH1802/HTWHS1
RWH–4	4	208/1	19"HX16"WX4"D	Q'MARK# MCSSARWH4808/HTWHS1
SWH–4	4	208/1	19"HX16"WX4"D	Q'MARK# MCSSARWH4808/HTWHSM
EBB–2	0.4	120/1		Q'MARK#QMK–2512W–W/T'STAT
EBB–3	0.75	120/1		Q'MARK#QMK–2513W–W/T'STAT
EBB–4	1	120/1		Q'MARK#QMK–2514W–W/T'STAT
EBB–1	1.5	120/1		Q'MARK#QMK–2516W–W/T'STAT
UH–5	5	208/1		Q'MARK#MUH–35–W/T'STAT
UH–10	10	460/3		Q'MARK#MUH–102–W/T'STAT

ENERGY RECOVERY UNITS

TAG #	EQUIPMENT PERFORMANCE										
	CFM	EFF HEAT	EFF COOL	ESP (IN WG)	VOLT	FLA (AMP)	MAKE/MODEL	DB	ESTAR	HVI	DESIGN	DIMENSIONS
ERU–1	450	%60	%80	0.40	120/1	1.4	FANTECH–SER450	–	YES	YES	IN/OUT OPPOSITE SIDE	28"LX23"WX16"
ERU–2	200	%60	%80	0.40	120/1	1.4	FANTECH–SER200	–	YES	YES	IN/OUT OPPOSITE SIDE	28"LX23"WX16"

PROVIDE CONTROLS AS FOLLOWS
–PROVIDE ON/OFF, LOW–HIGH, 20 MINJ ON/40 MIN OFF CYCLER
–PROVIDE MERV 8 FILTER FOR STANDARD DESIGN
–PROVIDE ROOF TOP CURB KIT FOR ERU–1

SPLIT SYSTEM GAS FIRED HVAC UNIT SCHEDULE (VFD INDOOR–TWO STAGE COMP) 97% FURNACE

INDOOR SECTION (VFD)											CONDENSING SECTION													
TAG	NOM. CAP. TON	CFM	ESP IN	FAN HP	TOT. MBH	SENS. MBH	GAS FURN(MBH) INPUT	GAS FURN(MBH) OUTPUT	FLUE	V/ø	TAG	FLA	MCA	MOCP	V/ø	EER	SEER	STRETCH SEER	DB	MODEL (BASED ON CARRIER)	ESTAR	MOTOR	INDOOR
HVAC–2	2	800	.5	1/2	22	16	40	38	70 FT	115/1	CU–2	11.5	14	20	208/1	12.20	18.00	15.0–YES	72	59MN7A040V17–14 W/24ANA1–024 AND MATCHING COIL	YES	ECM	18"WX28"DX40"H+12" COIL
HVAC–3	3	1200	.5	1	35	25	40	38	70 FT	115/1	CU–3	18.2	23	30	208/1	13.50	18.00	15.0–YES	72	59MN7A040E21–16 W/24ANA1–036 AND MATCHING COIL	YES	ECM	18"WX28"DX40"H+12" COIL
HVAC–4	4	1600	.5	1	46	32	80	77	70 FT		CU–4	25.6	29	50		13.00	16.50	15.0–YES	72	59MN7A80E21–20 W/24ANA1–048 AND MATCHING COIL	YES	ECM	18"WX28"DX40"H+12" COIL

WITH EACH INDOOR UNIT PROVIDE
–LEARNING TYPE NESTING ENERGY STAR THERMOSTAT, ACID NEUTRALIZER, AIR FILTER, COMBUSTION AIR INTAKE AND EXHAUST FLUE PIPES
–CONDENSATE DRAINS SHALL BE TYPE "L" COPPER WITH ½" FIBERGLASS INSULATION RUN TO INDIRECT WASTE DRAIN RISER
–PROVIDE ZONE CONTROL AS REQUIRED TO MATCH NUMBER OF MOTORIZED DAMPERS
–WHEN RUN IN UNCONDITIONED SPACES PROVIDE MINIMUM 1" INSULATION FOR THE FLUE/VENT PIPES TO MATCH MAXIMUM LENGTHS ON FLUE LENGTH (INCLUDES 6 ELBOWS)
–WHEN UNIT IS IN UNCONDITIONED SPACES, PROVIDE INSULATED AND HEAT TRACED CONDENSATE DRAINS
PROVIDE REFRIGERANT LINES BETWEEN INDOOR AND OUTDOOR UNITS AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.
PROVIDE 3/4" ARMORFLEX INSULATION ON REFRIGERANT LINES
PROVIDE MERV 8 FILTER AS STANDARD, FOR LEED PROJECTS, SEE DESIGN CRITERIA, PROVIDE 20X20–4" DEEP MERV 13 FILTER WITH FILTER BOX
MANUFACTURED BY AAF PREPLEAT M13, OUTDOOR AIR IF CONNECTED TO THE RETURN SHALL BE CONNECTED AHEAD OF THE FILTER

INSULATION NOTES

CONTRACTOR SHALL FOLLOW THE MOST STRINGENT INSULATION REQUIREMENT FOR EACH ITEM

THE FOLLOWING SYSTEMS SHALL BE INSULATED.
DUCT LINER SHALL BE CLOSED CELL TYPE, GERM PROOF

IECC 2012 REQUIREMENTS:

1. HEATING HOT WATER MAINS AND BRANCHES:
   PIPING < 1" REQUIRES 1 1/2" INSULATION
   PIPING > 1½" REQUIRES 2" INSULATION
2. SUPPLY & RETURN DUCTWORK FROM HVAC UNITS:
   1 1/2" INSULATION MIN. R–6

LEED/ASHRAE 2013 REQUIREMENTS:

1. HEATING HOT WATER MAINS AND BRANCHES:
   PIPING < 1 1/2" REQUIRES 1½" INSULATION
   PIPING > 1½" REQUIRES 2" INSULATION
2. SUPPLY & RETURN DUCTWORK FROM HVAC UNITS:
   1" INSULATION MIN. R–6

GENERAL INSULALTION REQUIREMENTS:

1: ALL LINED SUPPLY, RETURN AND TRANSFER DUCTWORK SHALL BE 1" DUCT LINER
   –DUCT INSULATION SHALL CONTINUE OVER DUCT AT LINED POINT
   –FIRST 10' OF SUPPLY AND RETURN FOR ALL ERU'S AND HVAC UNITS
2. CONDENSATE DRAIN: 1"
3. REFRIGERANT PIPING ¾" ARAMFLEX

ALL DUCTWORK ON ROOF SHALL BE INSULATED WITH R–8 INSULATION AND COVERED WITH EPDM ROOFING MATERIAL FOR WATER TIGHT INSTALLATION.

DIFFUSER/REGISTER SCHEDULE

LEGEND: (N)– ø# – ### (CFM / DIMENSIONS / TYPE)

TYPE	DESCRIPTION	MODEL (BASED ON TITUS)
A	LOUVER FACE CEILING DIFFUSER FOR 2'x2' LAY–IN CEILING INSTALLATION. PROVIDE ROUND TO SQUARE ADAPTOR. WITH OPPOSIBLE BLADE DAMPER	TITUS TDCA, BORDER 3
A1	LOUVER FACE CEILING DIFFUSER FOR SHEET ROCK CEILING INSTALLATION. PROVIDE ROUND TO SQUARE ADAPTOR. WITH OPPOSIBLE BLADE DAMPER	TITUS TDCA, BORDER 1
B	DOUBLE DEFLECTION REGISTER FOR SHEET ROCK INSTALLATION. PROVIDE ROUND TO SQUARE ADAPTOR.	TITUS 272RS
E	DOUBLE DEFLECTION GRILLE FOR SHEET ROCK NSTALLATION. WITH OPPOSIBLE BLADE DAMPER	TITUS 25 RS
E1	DOUBLE DEFLECTION GRILLE FOR SHEET ROCK NSTALLATION. WITH OPPOSIBLE BLADE DAMPER ALUMINUM TYPE	TITUS 25 RS
F	PERFORATED SIGHT PROOF EGGCRATE GRILLE FOR SHEET ROCK CEILING INSTALLATION.	TITUS 45F

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
857 888-1216

Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023

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CONSULTING ENGINEERS
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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MOHAMMED ZADE
No. 27233
REGISTERED PROFESSIONAL ENGINEER

May 25, 2023.
DATE OF ISSUE

DESCRIPTION

Nathalia Quirino
DRAWN BY

SCALE
1306/ 1308_MASS_AVE

PROJECT #
1306/ 1308_MASS_AVE
FILE NAME

Revisions

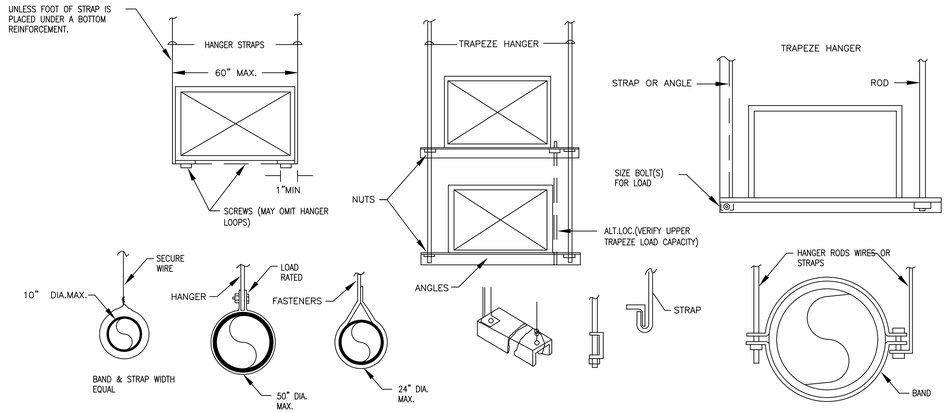
00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023

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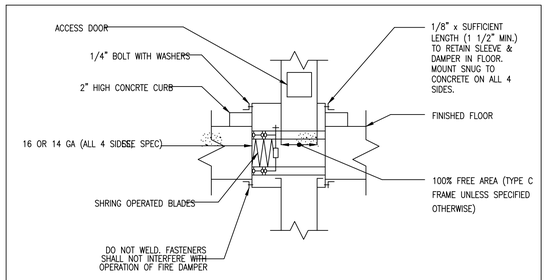
HVAC NOTES & SCHEDULES

DRAWING NUMBER

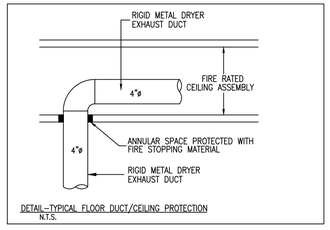
H-200



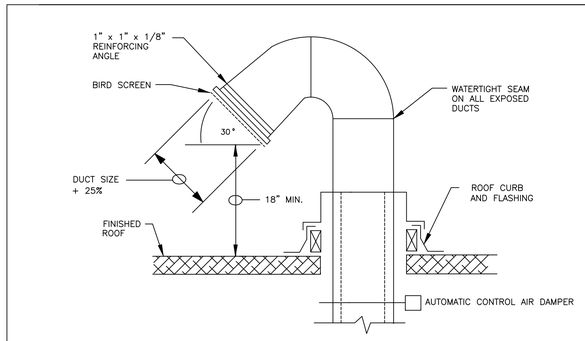
DUCT HANGER DETAIL | N.T.S.



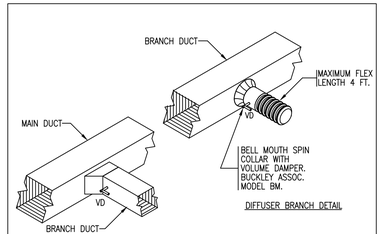
TYPICAL FIRE DAMPER INSTALLATION ON FLOOR | NTS



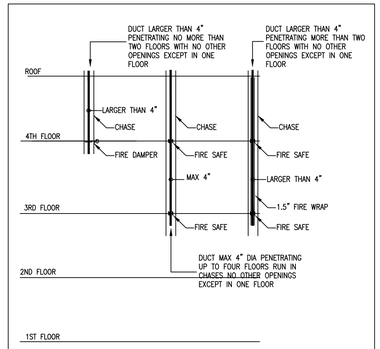
DETAIL-TYPICAL FLOOR DUCT/CEILING PROTECTION
N.T.S.



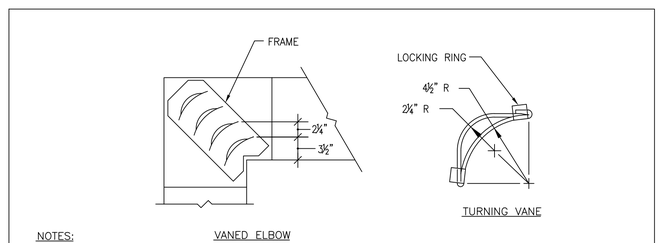
ROOF GOOSENECK DETAIL | NTS



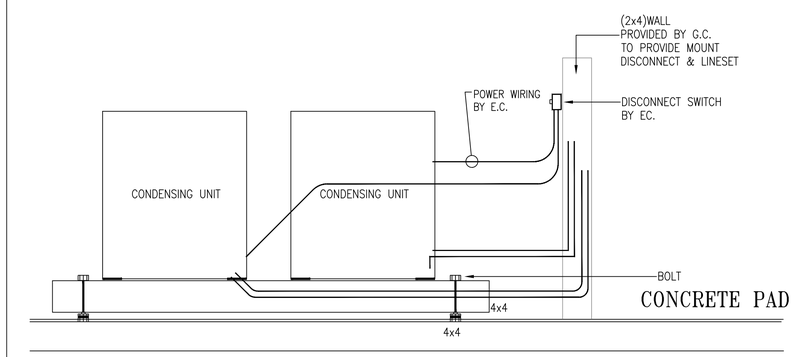
DUCT DETAILS | NTS



DUCT RISER THROUGH FLOORS



DOUBLE THICKNESS TURNING VANES FOR SQUARE ELBOW | N.T.S.



- CAPACITY RANGE: 130 TO 200 LB.
- ISOLATOR TYPE: SPRING
- BOLT SIZE: 3/8~~x4"~~ 3/8"x10" BOLT

CONDENSING UNIT MOUNTING DETAIL | N.T.S.

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SCALE | DRAWN BY

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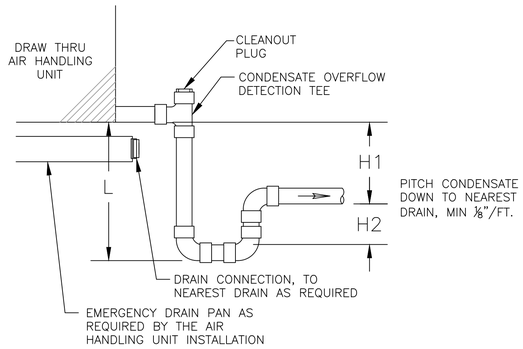
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DRAWING TITLE

HVAC DETAILS

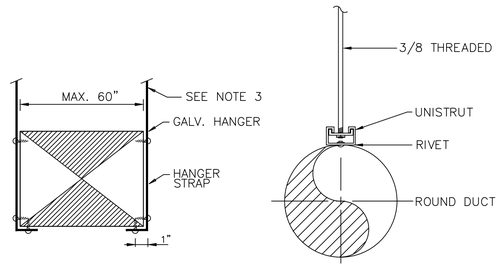
DRAWING NUMBER

H-201



H1 = MAX NEGATIVE STATIC PRESSURE PLUS 1"
H2 = H1/2
L = H1 + H2 + PIPE DIAMETER + INSULATION THICKNESS

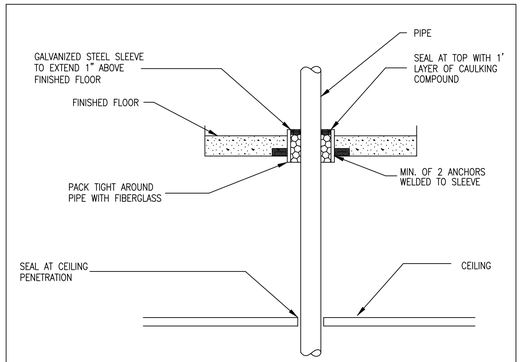
CONDENSATE DRAIN DETAIL | NTS



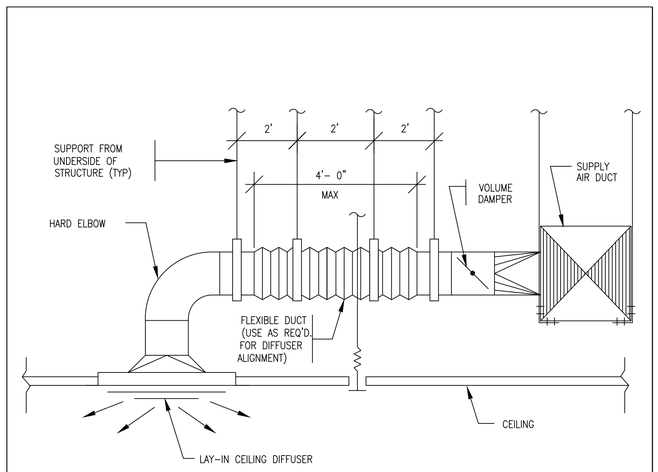
NOTES:
1. ON DUCTS OVER 48" WIDE, BOTTOM SHALL BE BRACED BY ANGLE. FOR CROSS SECTION AREA MORE THAN 8 SQ FT, DUCT SHALL BE BRACED BY ANGLES ON ALL FOUR SIDES.

2. CUTTING AND PATCHING SHALL BE LIMITED TO A MINIMUM AS REQUIRED FOR PROPER INSTALLATION.
3. SUPPORTS SHALL BE SPACED AND SIZED AS PER SMACNA.

DUCT HANGER SUPPORT | NTS

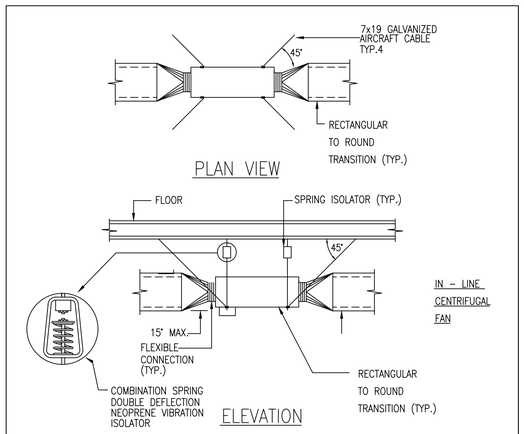


PIPE SLEEVE THRU FLOOR PENTRATION DETAIL | NTS

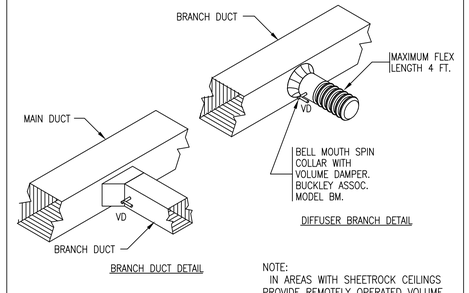


NOTES:
(1) MAXIMUM SAG 1/2" PER FOOT.

CEILING DIFFUSER BRANCH DUCTS | N.T.S.



IN LINE FAN HANGER DETAIL | NTS



NOTE:
IN AREAS WITH SHEETROCK CEILINGS PROVIDE REMOTELY OPERATED VOLUME DAMPERS.

DUCT DETAILS | NTS

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REGISTERED PROFESSIONAL ENGINEER

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SCALE | DRAWN BY

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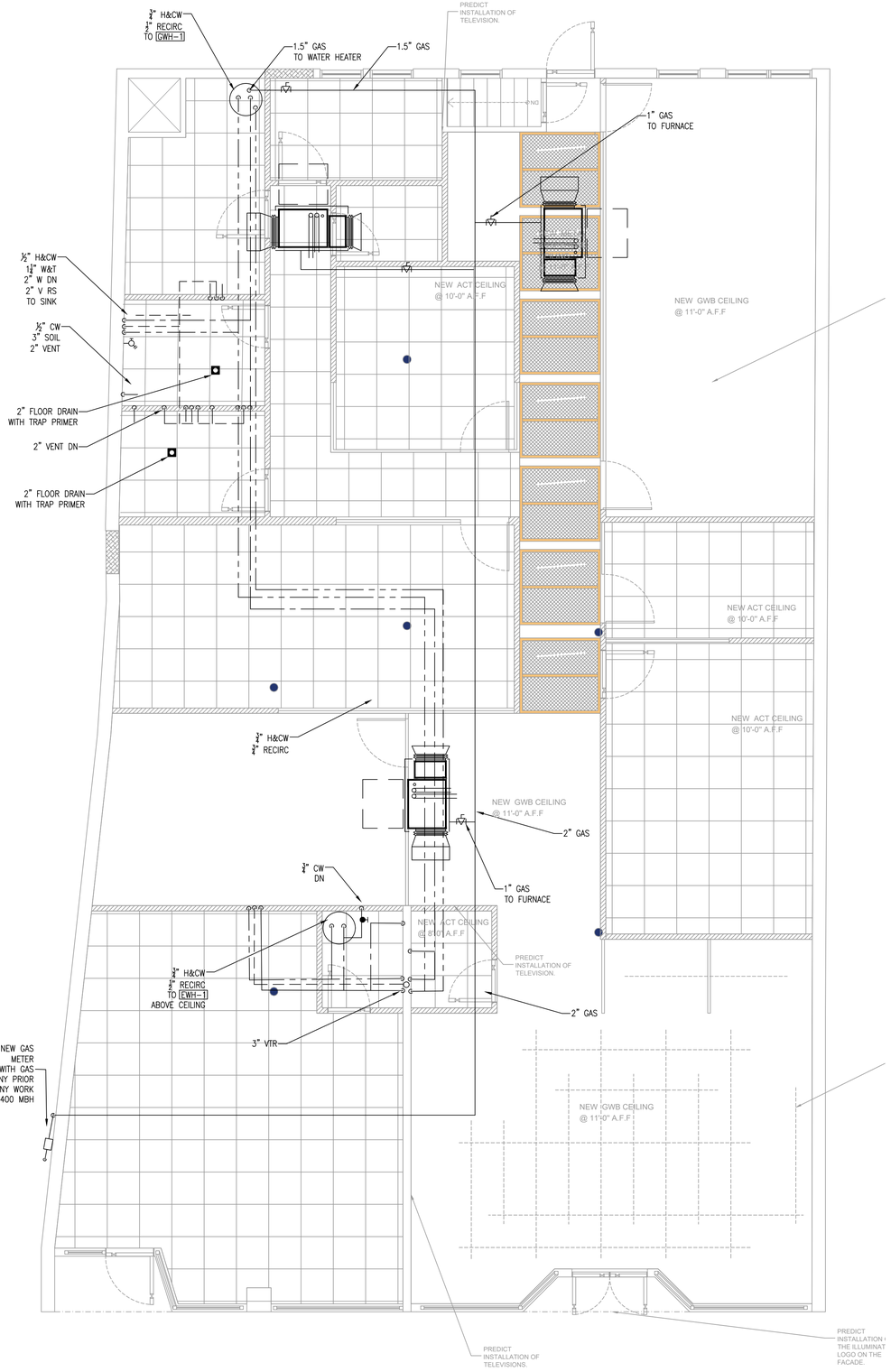
00	Issue for Permit	01/30/2023
01	Issue for Permit	03/15/2023

DRAWING TITLE

HVAC DETAILS

DRAWING NUMBER

H-202

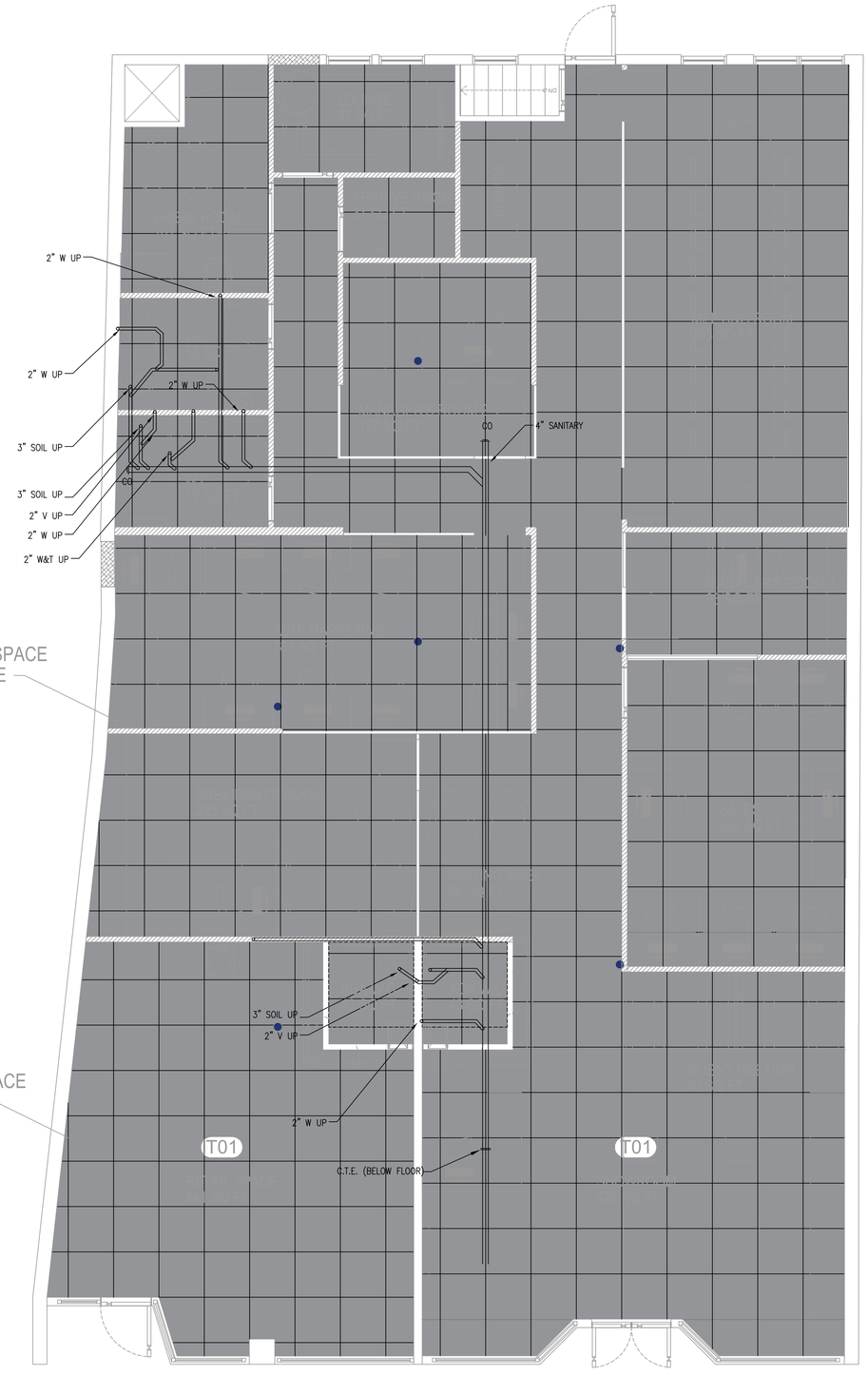


TOTAL OFFICE SPACE
PORCELAIN TILE

2 688 SQ FT

TOTAL RETAIL SPACE
PORCELAIN TILE

471 SQ FT



RISE
ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

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May 15, 2023.
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	Nathalia Quirino
SCALE	DRAWN BY
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DRAWING TITLE

PLUMBING FLOOR PLANS

DRAWING NUMBER

P-100

BASIC PLUMBING REQUIREMENTS

PART 1. – GENERAL

1.1 RELATED DOCUMENTS

ALL APPLICABLE REQUIREMENTS OF OTHER PORTIONS OF THE CONTRACT DOCUMENTS APPLY TO THE WORK OF THIS SECTION INCLUDING, BUT NOT LIMITED TO, ALL DRAWINGS, ALL SPECIFICATIONS, GENERAL CONDITIONS, AND GENERAL REQUIREMENTS INCLUDING SUBMITTALS.

1.2 APPLICABLE CODES AND STANDARDS

APPLICABLE CODES: ALL LOCAL AND STATE BUILDING CODES, INCLUDING THE INTERNATIONAL PLUMBING CODE MASSACHUSETTS STATE PLUMBING CODE AND THE MASSACHUSETTS STATE BUILDING CODE.
APPLICABILITY OF STANDARDS: EXCEPT WHERE THE CONTRACT DOCUMENTS INCLUDE MORE STRINGENT REQUIREMENTS, APPLICABLE CONSTRUCTION INDUSTRY STANDARDS HAVE THE SAME FORCE AND EFFECT AS IF BOUND OR COPIED DIRECTLY INTO THE CONTRACT DOCUMENTS. SUCH STANDARDS ARE MADE A PART OF THE CONTRACT DOCUMENTS BY REFERENCE.

CONFLICTING REQUIREMENTS: WHERE COMPLIANCE WITH TWO OR MORE STANDARDS IS SPECIFIED, AND THE STANDARDS ESTABLISH DIFFERENT OR CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, REFER REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, AND UNCERTAINTIES TO THE ARCHITECT FOR A DECISION BEFORE PROCEEDING.

PUBLICATION DATES: WHERE THE DATE OF ISSUE OF A REFERENCED STANDARD IS NOT SPECIFIED, COMPLY WITH THE STANDARD IN EFFECT AS OF DATE OF CONTRACT DOCUMENTS.

ABBREVIATIONS AND NAMES: TRADE ASSOCIATION NAMES AND TITLES OF GENERAL STANDARDS ARE FREQUENTLY ABBREVIATED. THE FOLLOWING ACRONYMS OR ABBREVIATIONS AS REFERENCED IN CONTRACT DOCUMENTS ARE DEFINED TO MEAN THE ASSOCIATED NAMES. NAMES AND ADDRESSES ARE SUBJECT TO CHANGE AND ARE BELIEVED TO BE BUT ARE NOT ASSURED TO BE ACCURATE AND UP TO DATE AS OF DATE OF CONTRACT DOCUMENTS.

AGA – AMERICAN GAS ASSOCIATION
ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE
ARI – AIR CONDITIONING AND REFRIGERATION INSTITUTE
ASHRAE – AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR CONDITIONING ENGINEERS
ASME – AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASSE – AMERICAN SOCIETY OF SANITARY ENGINEERING
ASTM – AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS – AMERICAN WELDING SOCIETY
AWWA – AMERICAN WATER WORKS ASSOCIATION
CISPI – CAST IRON SOIL PIPE INSTITUTE
NEC – NATIONAL ELECTRIC CODE
NFPA – NATIONAL FIRE PROTECTION ASSOCIATION
NSF – NATIONAL SANITATION FOUNDATION
PDI – PLUMBING AND DRAINAGE INSTITUTE
UL – UNDERWRITERS LABORATORIES
DOT – DEPARTMENT OF TRANSPORTATION
EPA – ENVIRONMENTAL PROTECTION AGENCY
OSHA – OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

1.3 SUBMITTALS

PRIOR TO THE PERFORMANCE OF ANY WORK OR INSTALLATION OF ANY MATERIALS, OBTAIN APPROVAL FROM THE ARCHITECT BY SUBMITTING SHOP DRAWINGS AND DATA SHEETS.

SUBMITTAL OF SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES WILL BE ACCEPTED ONLY WHEN SUBMITTED BY THE GENERAL CONTRACTOR. DATA SUBMITTED FROM SUBCONTRACTORS AND MATERIAL SUPPLIERS DIRECTLY TO THE ARCHITECT WILL NOT BE PROCESSED. CERTIFIED DRAWINGS AND CATALOG DATA SHEETS SHALL SHOW:
1. SPECIFICALLY WHAT ITEMS AND FEATURES ARE TO BE PROVIDED.
2. APPLICABLE SPECIFICATION SECTION NUMBER AND EQUIPMENT TAG NUMBER.
3. PRINCIPAL DIMENSIONS AND DETAILS OF CONSTRUCTION.
4. WEIGHTS: INFORMATION REQUIRED FOR THE DESIGN OF SUPPORTS AND FOUNDATIONS.
5. SIZES AND LOCATIONS OF PIPING AND CONNECTIONS.
6. PERFORMANCE DATA CERTIFIED BY THE MANUFACTURER.
7. SUBMIT SCHEDULE OF PROPOSED PIPING, VALVES, SPECIALTIES, ETC.
8. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE SEPERATLY IDENTIFIED.

PLUMBING SUBMITTALS SHALL BE PROVIDED FOR THE FOLLOWING ITEMS:
1. PIPING AND FITTING MATERIALS.
2. PLUMBING VALVES AND SPECIALTIES.
3. PIPING HANGER AND ATTACHMENT ASSEMBLIES.
4. PIPING INSULATION.
5. ALL SCHEDULED PLUMBING FIXTURES, DRAINS, AND CLEANOUTS.
6. UTILITY CONNECTION DETAILS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

APPROVAL OF SHOP DRAWINGS DOES NOT RELEASE RESPONSIBILITY OF COORDINATING HIS WORK AT JOBSITE AND TAKING FIELD MEASUREMENTS. IN CASES WHERE INTERFERENCES BECOME APPARENT, NOTIFY ARCHITECT SO THAT SUCH INTERFERENCES MAY BE RESOLVED PRIOR TO PROCEEDING WITH SHOP WORK. NO CLAIM WILL BE ALLOWED FOR WORK THAT MIGHT HAVE TO BE MOVED OR REPLACED BASED ON A CLAIM THAT WORK WAS PLACED IN ACCORDANCE WITH DIMENSIONS INDICATED ON AN APPROVED SHOP DRAWING.

1.4 COORDINATION

COORDINATE WITH THE BUILDING TRADES:
1. STRUCTURAL MEMBERS, PADS, AND BUILDING OPENINGS FOR FIXTURES, EQUIPMENT, PIPING, ETC., FOR USE BY THIS INDICATED ON THE ARCHITECTURAL AND STRUCTURAL PLANS ARE THE COORDINATION RESPONSIBILITY OF THIS INSTALLER. PAY FOR ANY CHANGES IN THE ABOVE REQUIREMENTS AFTER LETTING AND ACCEPTING THE CONTRACT.
2. THE DRAWINGS SHOW THE GENERAL ARRANGEMENT, DIRECTIONS AND SIZES OF EQUIPMENT, PIPING, ETC. IT IS NOT INTENDED TO SHOW EVERY OFFSET AND FITTING OF EVERY SITE DIFFICULTY THAT MAY BE ENCOUNTERED. PROVIDE ALL MATERIALS AND PERFORM ALL LABOR NECESSARY TO MAKE COMPLETE WORKING SYSTEMS, READY FOR USE, WITHOUT EXTRA CHARGE. ALL MEASUREMENTS MUST BE VERIFIED ON THE JOBSITE.
3. EXAMINE THE SITE AND ALL DRAWINGS BEFORE PROCEEDING WITH THE LAYOUT AND INSTALLATION OF THIS TO SUIT ACTUAL CONDITIONS. CONFER AND COOPERATE WITH OTHER TRADES ON THE JOB SO THAT ALL WORK WILL BE INSTALLED IN PROPER RELATIONSHIP. COORDINATE PRECISE LOCATION OF PARTS WITH OTHER WORK. ALL SYSTEMS SHALL BE INSTALLED TO PROVIDE MAXIMUM HEADROOM, EXCEPT WHERE DIMENSIONED OTHERWISE ON THE DRAWINGS.

1.5 RECORD DOCUMENTS

RECORD DRAWINGS: MAINTAIN A CLEAN, UNDAMAGED SET OF PRINTS OF CONTRACT DRAWINGS AND SHOP DRAWINGS. MARK THE SET TO SHOW THE ACTUAL INSTALLATION WHERE THE INSTALLATION VARIES SUBSTANTIALLY FROM THE WORK AS ORIGINALLY SHOWN. MARK WHICHEVER DRAWING IS MOST CAPABLE OF SHOWING CONDITIONS FULLY AND ACCURATELY; WHERE SHOP DRAWINGS ARE USED, RECORD A CROSS-REFERENCE AT THE CORRESPONDING LOCATION ON THE CONTRACT DRAWINGS. GIVE PARTICULAR ATTENTION TO CONCEALED ELEMENTS THAT WOULD BE DIFFICULT TO MEASURE AND RECORD LATER.
1. MARK INFORMATION THAT IS IMPORTANT TO THE OWNER, BUT WAS NOT SHOWN ON CONTRACT DRAWINGS OR SHOP DRAWINGS.
2. ORGANIZE RECORD DRAWING SHEETS INTO MANAGEABLE SETS, BIND WITH DURABLE PAPER COVER SHEETS, AND PRINT SUITABLE TITLES, DATES AND OTHER IDENTIFICATION ON THE COVER OF EACH SET.
3. MAINS AND BRANCHES OF PIPING SYSTEMS, WITH VALVES AND CONTROL DEVICES LOCATED AND NUMBERED, CONCEALED UNIONS LOCATED, AND WITH ITEMS REQUIRING MAINTENANCE LOCATED (I.E., TRAPS, STRAINERS, EXPANSION COMPENSATORS, TANKS, ETC.).
4. EQUIPMENT LOCATIONS (EXPOSED AND CONCEALED), DIMENSIONED FROM AT LEAST TWO PROMINENT BUILDING LINES.
5. APPROVED SUBSTITUTIONS, CONTRACT MODIFICATIONS, AND ACTUAL EQUIPMENT AND MATERIALS INSTALLED.
6. INCLUDE ALL "CORRECTED FOR RECORD" SHOP DRAWINGS TO REFLECT APPROVALS RECEIVED.

1.6 MAINTENANCE MANUALS

ORGANIZE OPERATING AND MAINTENANCE DATA INTO SUITABLE SETS OF MANAGEABLE SIZE. BIND PROPERLY INDEXED DATA IN INDIVIDUAL HEAVY-DUTY 2-INCH, 3-RING VINYL-COVERED BINDERS, WITH POCKET FOLDERS FOR FOLDED SHEET INFORMATION. MARK APPROPRIATE IDENTIFICATION ON FRONT AND SPINE OF EACH BINDER. INCLUDE THE FOLLOWING TYPES OF INFORMATION:
1. COPIES OF WARRANTIES.
2. WIRING DIAGRAMS.
3. INSPECTION PROCEDURES.
4. APPROVED SHOP DRAWINGS AND PRODUCT DATA.
5. DESCRIPTION OF FUNCTION, NORMAL OPERATING CHARACTERISTICS AND LIMITATIONS, PERFORMANCE CURVES, ENGINEERING DATA AND TESTS, AND COMPLETE NOMENCLATURE AND COMMERCIAL NUMBERS OF REPLACEMENT PARTS.
6. MANUFACTURER'S PRINTED OPERATING PROCEDURES TO INCLUDE START-UP, BREAK-IN, AND ROUTINE AND NORMAL OPERATING INSTRUCTIONS; REGULATION, CONTROL, STOPPING, SHUTDOWN, AND EMERGENCY INSTRUCTIONS; AND SUMMER AND WINTER OPERATING INSTRUCTIONS.
7. MAINTENANCE PROCEDURES FOR ROUTINE PREVENTATIVE MAINTENANCE AND TROUBLESHOOTING; DISASSEMBLY, REPAIR, AND REASSEMBLY; ALIGNING AND ADJUSTING INSTRUCTIONS.
8. SERVICING INSTRUCTIONS AND LUBRICATION CHARTS AND SCHEDULES.

1.7 REGULATIONS AND PERMITS
PROVIDE NOTICES, FILE PLANS, OBTAIN PERMITS AND LICENSES, PAY FEES, AND OBTAIN NECESSARY APPROVALS FROM AUTHORITIES HAVING JURISDICTION.

PAY FOR AND OBTAIN ALL REQUIRED PERMITS & SCHEDULE INSPECTIONS IN A TIMELY MANNER AS TO NOT DELAY THE PROJECT. OBTAIN ALL NECESSARY PERMITS INCLUDING BUT NOT LIMITED TO ENTERING MANHOLES, USE OF WATER FROM LOW PRESSURE HYDRANTS, DEMOLITION AND NEW WORK, ETC. PRIOR TO COMMENCE OF WORK.

PART 2. – PRODUCTS

2.1 GENERAL PRODUCT REQUIREMENTS

ALL EQUIPMENT AND MATERIALS, EXCEPT AS OTHERWISE SPECIFIED, SHALL BE NEW, OF CURRENT PRODUCTION, FIRST QUALITY AND OF THE BEST OF EACH CLASS SPECIFIED. MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE DELIVERED TO JOBSITE WITH FACTORY PACKAGING BEARING MANUFACTURER'S NAME OR LABEL, AND UNION LABEL WHENEVER PRACTICAL.

PART 3. – EXECUTION

3.1 PLUMBING INSTALLATIONS
GENERAL: SEQUENCE, COORDINATE, AND INTEGRATE THE VARIOUS ELEMENTS OF PLUMBING SYSTEMS, MATERIALS, AND EQUIPMENT, COMPLY WITH THE FOLLOWING REQUIREMENTS:
1. COORDINATE SYSTEMS, EQUIPMENT, AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS.
2. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.
3. ARRANGE FOR CHASES, SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION, TO ALLOW FOR MECHANICAL INSTALLATIONS.
4. COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES AND SLEEVES TO BE SET IN POURED-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED.
5. INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO OTHER BUILDING SYSTEMS AND COMPONENTS, WHERE INSTALLED EXPOSED IN FINISHED SPACES.
6. INSTALL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT COMPONENTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.
7. PROVIDE ACCESS PANELS OR DOORS WHERE UNITS ARE CONCEALED BEHIND FINISHED SURFACES.
8. COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS, TO THE EXTENT THAT THOSE INSTRUCTIONS AND RECOMMENDATIONS ARE MORE EXPLICIT OR STRINGENT THAN REQUIREMENTS CONTAINED IN CONTRACT DOCUMENTS.
9. INSPECT MATERIALS OR EQUIPMENT IMMEDIATELY UPON DELIVERY AND AGAIN PRIOR TO INSTALLATION. REJECT DAMAGED AND DEFECTIVE ITEMS.

3.2 FINAL INSPECTION
PRIOR TO FINAL ACCEPTANCE, ALL SYSTEMS SHALL BE OPERATED TO TEST PERFORMANCE TO THE SATISFACTION OF THE ARCHITECT.
1. WATER SHALL CIRCULATE THROUGHOUT SYSTEMS WITHOUT NOISE, WATER HAMMER, LEAKS, TRAPPING, OR AIR-BINDING.
2. MOTORS AND OTHER EQUIPMENT SHALL OPERATE WITHOUT EXCESSIVE NOISE OR VIBRATION.
3. DRAINS SHALL FLOW FREELY, WITHOUT EXCESSIVE NOISE, LEAKS OR STOPPAGES.

CORRECT DEFECTS DEMONSTRATED BY INSPECTIONS AND TESTS TO THE SATISFACTION OF THE ARCHITECT.

3.3 CLEANING OF SYSTEMS AND PREMISES

ALL EQUIPMENT AND FIXTURES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS AT THE COMPLETION OF THE PROJECT AND PRIOR TO ACCEPTANCE BY THE OWNER.

3.4 PROTECTION

GUARDS, BARRICADES, LIGHTS, SERVICES, ETC., NECESSARY FOR THE PROTECTION OF PERSONS AND PROPERTY SHALL BE FURNISHED AND MAINTAINED.

EXISTING WORK SUCH AS PAVEMENTS, LAWNS, SIDEWALKS, FLOORS, CURBS, AND OTHER STRUCTURES AND UTILITIES WHICH ARE DAMAGED OR DISTURBED DUE TO MAKING CONNECTIONS OR ANY PHASE OF OPERATIONS SHALL BE RESTORED TO THE SATISFACTION OF THE OWNER AND THE GOVERNING AUTHORITIES.

GENERAL NOTES

NOTE FOLLOWING LINE ITEMS ARE LISTED FOR QUALITY PURPOSES AND APPLICABLE WHERE COMPONENTS PRESENT IN THE PROJECT.

REGARDLESS HOW THE DETAILS ARE SHOWN, CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

CONTRACTOR SHALL PAY ATTENTION TO GAS FIRED EQUIPMENT DISCHARGE LOCATIONS RELATIVE TO AIR INTAKES BEFORE ANY INSTALLATION AND MAINTAIN CODE REQUIRED OR MANUFACTURER REQUIRED CLERANCES.

1–ALL HOT WATER PIPING IN RECIRCULATION TYPE SYSTEMS SHALL BE INSULATED, INCLUDING TAKE OFFS FROM RE–CIRCULATION LINE.
ALL HORIZONTAL COLD WATER MAINS OR BRANCH LINES ABOVE CEILINGS SHALL BE INSULATED.
ALL HORIZONTAL STORM DRAINS SHALL BE INSULATED. INSULATE 3 FT PIPING ABOVE AND BELOW THE OFFSET. INSULATE ROOF DRAIN BODIES UNDER DECK AND 3 FT PIPING IF NO OFFSET.

2–ALL TRAPS SHALL HAVE CLEAN OUTS

3–ALL COMMON AREA FAUCETS SHALL HAVE POINT OF USE MIXING VALVES, ZURN LEAD FREE SERIES LFUSG–B OR EQUAL

4–ALL ADA SINKS AND LAVATORIES SHALL HAVE LAVGUARD PROTECTION COVERS, COMPLETE

5–ALL FIXTURES SHALL HAVE MULTI TURN LEAD FREE WATER STOPS AS MANUFACTURED BY ZURN LF SERIES.

6–WATER CLOSET CONTROLS FOR ADA UNITS SHALL BE ON THE ACCESSIBLE SIDE

7–GROUP 2 TUBS SHALL BE 60" LONG WITH RIM 16–18" AFF.

8–ALL VENT THROUGH THE ROOF LOCATIONS SHALL BE FIELD COORDINATED WITH HVAC EQUIPMENT INTAKES AND IF NECESSARY SHALL BE EXTENDED 3FT ABOVE THE EQUIPMENT WITHIN 10FT OF THE VENT.

9–ALL FLOOR DRAINS SHALL HAVE TRAP PRIMERS.

10–ALL FLOOR PENETRATIONS SHALL BE FIRE RATED WITH FIRE STOP MATERIAL OR INTUMESCENT TYPE COLLARS AS REQUIRED.

11–ALL DRAINS LOCATED BELOW THE STREET GRADE SHALL HAVE LOCAL OR CENTRAL TYPE BACK WATER VALVES. DRAINS FROM UPPER FLOORS WILL CONNECT AT EXIT

12–ALL PLUMBING FIXTURES SHALL BE APPROVED TYPE IN THE STATE OF PROJECT BEING USED. SPECIFICATIONS ARE FOR QUALITY, LOOK AND PERFORMANCE PURPOSES ONLY. IF SPECIFIED EQUIPMENT IS NOT THE APPROVED TYPE. CONTRACTOR SHALL PROVIDE SIMILAR APPROVED FIXTURE.

13–ALL FLOOR DRAINS IN BOILER ROOMS SHALL BE COORDINATED WITH BOILER PLACEMENTS SO THAT CONDENSATE DRAINS WILL BE DRAINED TO FLOOR DRAIN.

14–ALL BASEMENT DRAINS WILL HAVE BACK WATER VALVES AND AND UPPER FLOORS WILL BE CONNECTED TO SEWER DISCHARGE SEPARATELY FROM BASEMENT DRAIN

15– PROVIDE BALL TYPE SHUT OFF VALVES FOR ALL RISERS AND WATER BRANCHES OFF THE MAIN PIPES. RISERS SHALL HAVE DRAIN VALVES WITH CAP AND CHAIN

1. GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND GENERAL REQUIREMENTS, APPLY TO WORK SPECIFIED ON THESE DRAWINGS.
2. COORDINATE WORK WITH THAT OF OTHER TRADES AFFECTING OR AFFECTED BY WORK OF THIS SECTION AND COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF THE WORK.
3. ALL WORK AND MATERIALS SHALL COMPLY WITH THE MASSACHUSETTS STATE PLUMBING AND GAS CODES AND THE CITY OF BOSTON, MA.
4. FURNISH AND INSTALL A COMPLETE, SANITARY DRAINAGE AND VENT SYSTEM THROUGHOUT THE BUILDING FOR CONNECTION TO EVERY FIXTURE OR PIECE OF EQUIPMENT REQUIRING DRAINAGE. THE NEW WORK SHALL EXTEND AND CONNECT TO THE EXTERIOR SANITARY SYSTEM AS INDICATED.
5. FURNISH AND INSTALL A COMPLETE HOT WATER AND COLD WATER SYSTEM THROUGHOUT THE BUILDING, CONNECTING TO ALL FIXTURES AND EQUIPMENT REQUIRING HOT AND/OR COLD WATER. THE COLD WATER SYSTEM WORK SHALL EXTEND AND CONNECT TO THE EXTERIOR COLD WATER SYSTEM AS INDICATED. THE HOT WATER SYSTEM WORK SHALL BEGIN AT EACH NEW WATER HEATER WHERE INDICATED.
6. FURNISH AND INSTALL A COMPLETE GAS SYSTEM THROUGHOUT THE BUILDING, CONNECTING TO ALL EQUIPMENT REQUIRING GAS. THE GAS SYSTEM WORK SHALL EXTEND AND CONNECT TO THE GAS METERS SUPPLIED BY GAS COMPANY.
7. FURNISH TO OWNER A WRITTEN GUARANTEE OF THE GENERAL CONTRACTOR AND THIS SUBCONTRACTOR JOINTLY AND SEVERALLY, AGAINST ANY DEFECTS IN MATERIALS AND WORKMANSHIP IN WORK OF THIS SECTION FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
8. SUBMIT SHOP DRAWINGS ON PLUMBING FIXTURES AND VALVES SPECIFIED.
9. FURNISH AND INSTALL ALL PIPE OPENINGS, PIPE HANGERS AND HANGER RODS, AND FIXTURE SUPPORTS. PROPERLY SECURE HANGER RODS TO BUILDING STRUCTURE. SEAL ALL PIPE OPENINGS THROUGH FLOORS AND ROOF WATER TIGHT.
10. BURIED STORM, SANITARY AND VENT PIPING SHALL BE CAST IRON PIPE AND DRAINAGE FITTINGS. ABOVE GROUND SANITARY AND VENT PIPING SHALL BE CAST IRON/COPPER PIPE AND DRAINAGE FITTINGS
11. HOT AND COLD WATER PIPING SHALL BE TYPE L SEAMLESS COPPER TUBING AND FITTINGS WITH 95-5 SOLDER JOINTS, FLOWGUARD PIPING SYSTEM, SEEK APPROVAL FROM ARCHITECT AND BUILDING OWNER REPRESENTATIVE BEFORE SUBMITTING FOR APPROVAL TO ENGINEER. ALL PIPING SHALL BE INSULATED AND MARKED AS HOT WATER (HW) OR COLD WATER (CW)
12. GAS PIPING SHALL BE SCHEDULE 40 STEEL WITH MALLEABLE IRON FITTINGS AND THREADED JOINTS.
13. VALVES FOR HOT AND COLD WATER SHALL BE GATE VALVE, BRONZE BODY AND TRIM, NON-RISING STEM, 200 PSIG, SOLDER END, SIMILAR TO JENKINS 1240 OR APPROVED EQUAL. VALVES FOR GAS SHALL BE IRON BODY, PLUG TYPE, WITH SQUARE KEY AND THREADED ENDS.
14. COLD WATER AND HOT WATER PIPING INSULATION SHALL BE 1/2" THICK, WITH FACTORY APPLIED FIBERGLASS CLOTH WITH INTEGRAL VAPOR BARRIER AND SELF-SEALING LAP. FITTINGS AND VALVES SHALL BE COVERED WITH PRE-CUT FIBERGLASS INSERTS AND FITTED WITH MOULDED PVC COVERS, SECURED WITH GLASS FABRIC TAPE WITH MASTIC. INSULATION SHALL BE FIBERGLASS 25 ASJ OR EQUAL, AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS TO CONFORM TO THE AUL NON-COMBUSTIBLE RATING.
15. PLUMBING FIXTURES: (TO BE APPROVED BY BUILDING OWNER REPRESENTATIVE BEFORE SUBMISSION FOR APPROVAL TO ENGINEER)
16. WH – WALL HYDRANT – WOODFORD MODEL 25 FREEZE RESISTANT, WITH INTEGRAL VACUUM BREAKER. (PROVIDE EVERY 150', WHERE DIRECTED BY BUILDING OWNER)
17. WATER HEATERS – FURNISH AND INSTALL WATER HEATERS WHERE INDICATED. (TO BE APPROVED BY BUILDING OWNER REPRESENTATIVE BEFORE SUBMISSION FOR APPROVAL TO ENGINEER)
18. TEST ALL NEW PLUMBING WORK IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS.
19. PROVIDE HEAT TRACE ON ALL TRAPS LOCATED IN GARAGE, COLD WATER PIPING LOCATED IN GARAGE, AND ANY PIPING SUBJECT TO FREEZING.

GENERAL NOTES | NTS

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

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No.	Description	Date
00	Issue for Permit	01/30/2023

DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MOHAMMED ZADE
No. 27233
REGISTERED PROFESSIONAL ENGINEER

May 25, 2023.
DATE OF ISSUE

DESCRIPTION

	Nathalia Quirino
SCALE	DRAWN BY
1306/ 1308_MASS_AVE	1306/ 1308_MASS_AVE
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DRAWING TITLE

PLUMBING NOTES

DRAWING NUMBER

P-200

GENERAL NOTES

1) FOR EXACT LOCATION OF PLUMBING FIXTURES SEE ARCHITECTURAL DRAWINGS.
2) EXAMINE ALL CONTRACT DRAWINGS, GERNERAL CONDITIONS AND SPECIFICATIONS WHICH MAY AFFECT THE WORK.
3) ALL PLUMBING WORK MUST BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
4) CHECK INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL OUTSIDE UTILITIES BEFORE INSTALLING ANY UNDERGROUND.
5) NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION OF THE ARCHITECT.
6) NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
7) ALL PLUMBING SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE LOCAL AND STATE PLUMBING CODES.
8) ROUGHING DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH GENERAL CONTRACTOR.
9) INSTALL ALL HOT AND COLD WATER PIPING AS PER SPECIFICATIONS.
10) INSTALL SHUTOFF GATE VALVES ON ALL BRANCH SUPPLY LINES AND AT THE BASE OF HOT AND COLD WATER RISERS.
11) PLUMBING CONTRACT SHALL REQUIRES PANELS TO ACCESS THE CONCEALED PLUMBING CLEANOUTS, DRAINS, DEVICES AND CONTROLS. ACCESS PANELS SHALL BE FIRE RATED TO MATCH THE PENETRATING PARTITION OR CEILING TYPE. GENERAL CONTRACTOR SHALL INSTALL THE ACCESS PANELS.
12) INSTALL ALL FLOOR CLEANOUTS TO CLEAR EQUIPMENT.
13) PLUMBING CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES AND CHARGES IN CONNECTION WITH THE WORK.
14) PLUMBING CONTRACTOR SHALL PROVIDE WATERTIGHT SLEEVES FOR ALL PIPES PASSING THRU BASEMENT WALLS.
15) INSTALL CLEANOUTS AT THE BASE OF ALL SANITARY STACKS.
16) INSTALL ALL HORIZONTAL RUNS OF PIPING AS HIGH AS POSSIBLE, PITCH ALL WATER PIPING TO DRAIN, DRAW OFFS AT ALL POINTS.
17) PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO OUTSIDE UTILITIES.
18) FOR PIPE SIZES NOT SHOWN ON PLANS SEE DETAILS & RISER DIAGRAMS.

PLUMBING NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE AND LOCATION OF ALL FIRE WALLS. ANY PENETRATION THROUGH FIRE FLOORS SHALL BE FIRE STOPPED . ANY PENETRATION THROUGH FIRE WALL SHALL BE FIRE CAULKED. REFER TO SECTION 7275 FOR PROCEDURE.

2. WITHOUT LIMITATION PAY ATTENTION TO THE FOLLOWING ITEMS:

   A. CHASES BEHIND BATHROOM (WALL BETWEEN CORRIDOR AND BATHROOM) AND WALLS BETWEEN UNITS ARE FIRE RATED. FIRE CAULK ALL PENETRATIONS.

   B. TOP AND BOTTOM WALL PLATES AT CEILING AND AT FLOOR IS PART OF FIRE SEPARATION. FIRE STOP ALL PENETRATIONS THROUGH PLATES.

GENERAL NOTES:

1. SHOULD ANY CONTRADICTION, AMBIGUITY, ERROR, INCONSISTENCY, OMISSION OR INCOMPLETE SYSTEM APPEAR IN OR BETWEEN ANY OF CONTRACT DOCUMENTS THE CONTRACTOR SHALL, BEFORE SUBMITTING THE FINAL BID AND SIGNING THE CONTRACT FOR CONSTRUCTION, NOTIFY THE ARCHITECT AND REQUEST A WRITTEN RESOLUTION AS TO WHICH METHODS OR MATERIALS WILL BE REQUIRED. IN THE EVENT OF CONFLICTING REQUIREMENTS OF STANDARDS , DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL COMPLY WITH THE MORE STRINGENT REQUIREMENTS. BEFORE SUBMITTING THE FINAL BID AND THE SIGNING THE CONTRACT FOR THE CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A WRITTEN INTERPRETATION FROM THE ARCHITECT. IN NO CASE SHALL THE CONTRACTOR PROCEED WITH THE AFFECTED WORK UNTIL ADVISED BY THE ARCHITECT.

IF THE CONTRACTOR FAILS TO MAKE A REQUEST FOR INTERPRETATION OR RESOLUTION NO EXCUSE WILL BE ACCEPTED FOR FAILURE TO CARRY OUT THE WORK IN A SATISFACTORY MANNER, AS INTERPRETED BY THE ARCHITECT. THIS GENERALLY MEANS THE USE OF THE HIGHEST QUALITY MATERIAL, MOST EXPENSIVE WAY OF PERFORMING WORK AND PROVIDING COMPLETE FUNCTIONING SYSTEM FOR PROPER OPERATION.

EACH AND EVERY TRADE OR SUBCONTRACTOR WILL BE DEEMED TO HAVE FAMILIARIZED THEMSELVES WITH ALL THE CONTRACT DOCUMENTS OF THIS PROJECT, INCLUDING ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND SITE WORK, AND TO HAVE VISITED THE SITE, SO AS TO AVOID ERROR, OMISSIONS AND MISINTERPRETATIONS. RELATED INFORMATION MAY BE PROVIDED ON CONTRACT DOCUMENTS OTHER THAN THOSE ASSOCIATED WITH THE SUBCONTRACTOR'S TRADE. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING RELATED WORK OF ALL THE CONTRACT DOCUMENTS. NO ADDITIONAL COMPENSATION WILL BE AUTHORIZED FOR ALLEGED ERRORS, OMISSIONS AND MISINTERPRETATIONS WHETHER THEY ARE A RESULT OF FAILURE TO OBSERVE THIS REQUIREMENT OR NOT.

2. ALL PENETRATIONS OF ASSEMBLIES EXPOSED TO THE EXTERIOR ENVIRONMENT SHALL BE SEALED WITH FOAM SEALANT OR EQUIVALENT SEALER TO PROVIDE ZERO AIR INFILTRATION. COORDINATE WITH FIRE STOPPING REQUIREMENTS.

3. NO COMPONENT OF ANY SYSTEM SHALL RUN THROUGH THE STAIR ENCLOSURE THAT DOES NOT RELATE TO OR SERVE THE STAIR ENCLOSURE.

INSULATION NOTES

THE FOLLOWING SYSTEMS SHALL BE INSULATED.
DUCT LINER SHALL BE CLOSED CELL TYPE, GERM PROOF

IECC 2015 REQUIREMENTS:

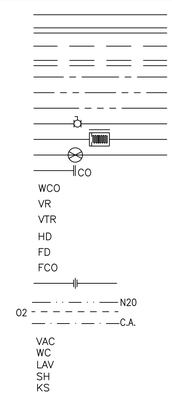
1. DOMESTIC HOT WATER MAINS AND BRANCHES: PIPING < 1" REQUIRES 1" INSULATION

GENERAL INSULATION REQUIREMENTS:

CW PIPING: ½" INSULATION

PIPING MATERIAL NOTES

SANITARY AND VENT:	BELOW GROUND: SWCI WITH PUSH ON JOINTS. ABOVE GROUND: SWCI WITH HUSKY 4-BAND CLAMPS
WATER PIPING:	TYPE "L" COPPER WITH 95-5 SOLDER JOINTS
GAS PIPING:	SCHEDULE 40 ER/ERW BLACK STEEL WITH THREADED JOINTS OR WELDED.
COMPRESSED AIR:	TYPE "L" COPPER WITH BRAZED JOINTS
02:	TYPE "L" COPPER WITH BRAZED JOINTS
N20:	TYPE "L" COPPER WITH BRAZED JOINTS
VACUUM:	SCHED. 40 PVC WITH SOLVENT JOINTS
R.O.	ZURN PEX CR



	SANITARY ABOVE FLOOR
	SANITARY UNDER FLOOR
	VENT
	VENT BURIED
	COLD WATER
	HOT WATER
	HOT WATER CIRCULATION
	SHUT OFF VALVE
	CHECK VALVE
	FLOOR CLEANOUT
CO	CLEANOUT
WCO	WALL CLEANOUT
VR	VENT RISER
VTR	VENT THRU ROOF
HD	HUB DRAIN
FD	FLOOR DRAIN
FCO	FLOOR CLEANOUT
	UNION
N20	NITROUS OXIDE PIPING
O2	OXYGEN PIPING
C.A.	COMPRESSED AIR PIPING
VAC	VACUUM PIPING
WC	WATER CLOSET
LAV	LAVATORY SINK
SH	SHOWER
KS	KITCHEN SINK

— PLUMBING LEGEND N.T.S.

PLUMBING SPECIFICATION

A. SCOPE OF WORK

1. SANITARY WASTE AND VENT PIPING SYSTEM.
2. CONNECTION TO EXISTING SANITARY.
3. PLUMBING FIXTURES & WATER HEATER.
4. PIPING, VALVES, AND FITTINGS.
5. INSULATION.
6. PERMITS
7. ALL CORE DRILLING AND PATCHING.

B. MATERIALS

1. SEE MATERIAL NOTES
2. INSULATE ALL HOT AND COLD WATER PIPING WITH 1" FIBERGLASS INSULATION WITH ALL SERVICE JACKET.
3. OWNER TO PROVIDE PLUMBING FIXTURE SPECIFICATION

C. EXECUTION

1. PRIOR TO BIDDING THE JOB CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY EXISTING CONDITIONS. REPORT ADVERSE CONDITIONS IN WRITING TO ARCHITECT.
2. ALL PLUMBING WORK SHALL COMPLY TO STATE AND LOCAL CODE REQUIREMENTS.
3. PLUMBING CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS.
4. FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY FOR THE PROPER AND COMPLETE INSTALLATION OF ALL PLUMBING WORK SHOWN ON THE DRAWING.
5. ALL NEW WASTE AND VENT PIPING SHALL BE APPROVED BY LOCAL INSPECTOR.
6. GUARANTEE ALL WORK AND MATERIAL FOR ONE YEAR FROM THE DATE OF ACCEPTANCE.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MOHAMMED ZADE
No. 27233
REGISTERED PROFESSIONAL ENGINEER

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	Nathalia Quirino
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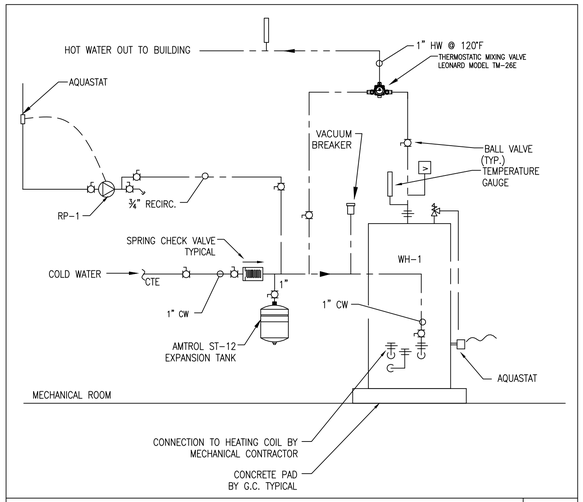
PLUMBING NOTES & DETAILS

DRAWING NUMBER

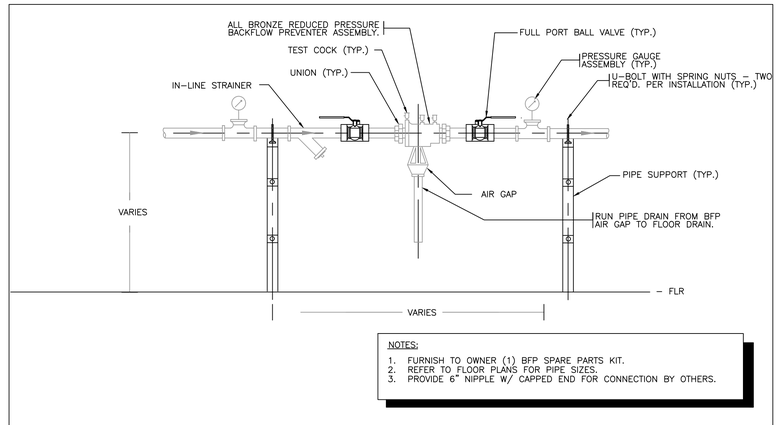
P-201

DESIGNATION	NAME	LOCATION	DESCRIPTION
RP-1	RECIRCULATION PUMP	MECHANICAL ROOM	PROVIDE GRUNDFOS UP-15-55 SFC/SUC SET AT 3 GPM @ 12' OF HEAD, WITH TIMER, INTEGRAL CHECK VALVE, AQUASTAT, LINE CORD. 115V,1ø

DESIGNATION	NAME	LOCATION	DESCRIPTION
GWH-1	WATER HEATER	MECHANICAL ROOM	PROVIDE NAVIEN GAS FIRED WATER HEATER NPE-240A 200 MBH. 120/1 RUN (2)3" FLUES THROUGH ROOF
EWH-1	WATER HEATER	MECH. CLOSET	RHEEM ELECTRIC WATER HEATER, MODEL PROE20 S2 RH 20 GAL. CAPACITY, 1.5 KW, 120V/1ø, .93 EF, 7 GPH @80°F RISE RECOVERY

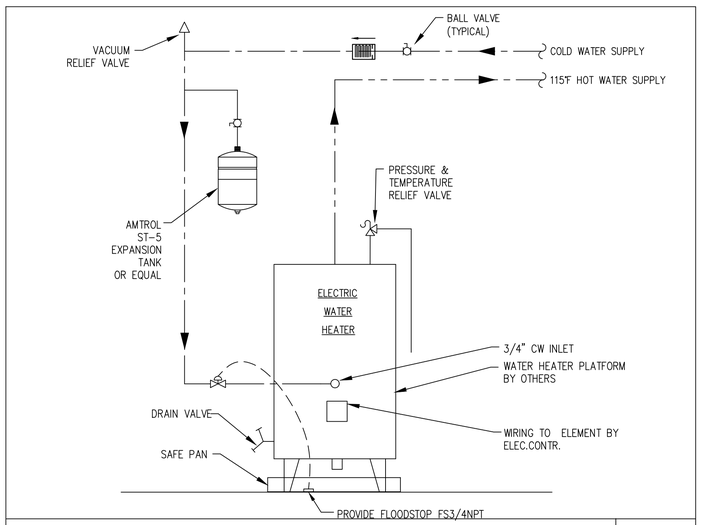


HOT WATER PIPING DIAGRAM | N.T.S.

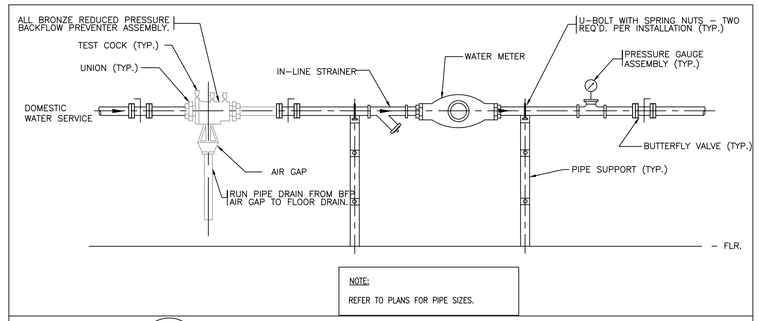


NOTES:
1. FURNISH TO OWNER (1) BFP SPARE PARTS KIT.
2. REFER TO FLOOR PLANS FOR PIPE SIZES.
3. PROVIDE 6" NIPPLE W/ CAPPED END FOR CONNECTION BY OTHERS.

B / P-1 REDUCED PRESSURE BACKFLOW PREVENTER PIPING DETAIL
NOT TO SCALE

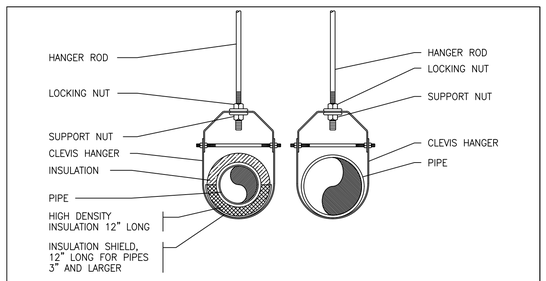


ELECTRIC WATER HEATING PIPING DETAIL | N.T.S.



NOTE:
REFER TO PLANS FOR PIPE SIZES.

D / P-1 DOMESTIC WATER SERVICE PIPING DETAIL
NOT TO SCALE



PIPE HANGER INSTALLATION DETAIL | N.T.S.

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MOHAMMED ZADE
No. 22233
REGISTERED PROFESSIONAL ENGINEER

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DESCRIPTION

Nathalia Quirino
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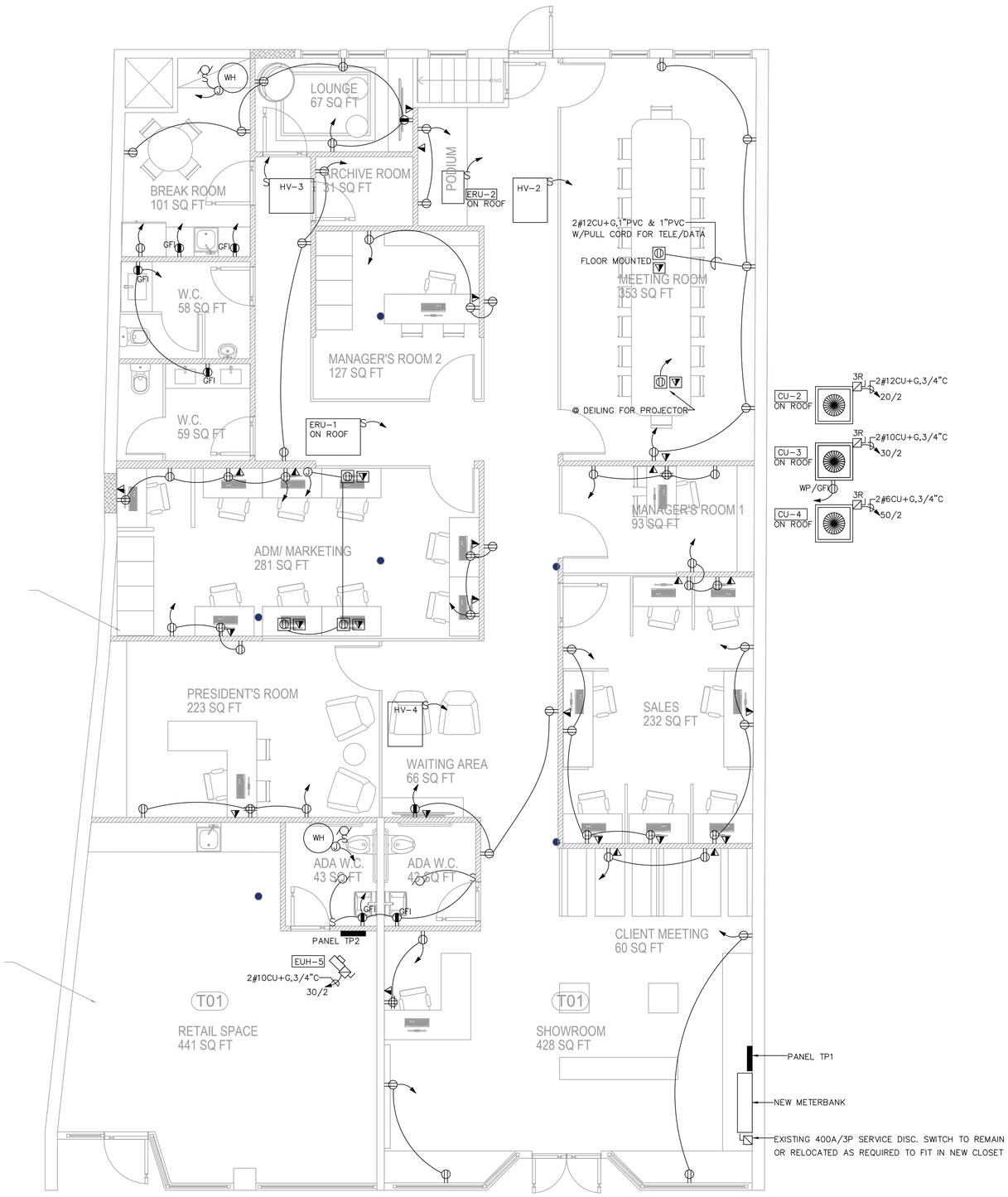
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PLUMBING SCHEDULES & DETAILS

DRAWING NUMBER

P-202



RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
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CLIENT

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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MUZAFFER MUCTEHITZADE
ELECTRICAL
No. 32578
REGISTERED PROFESSIONAL ENGINEER

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	Nathalia Quirino
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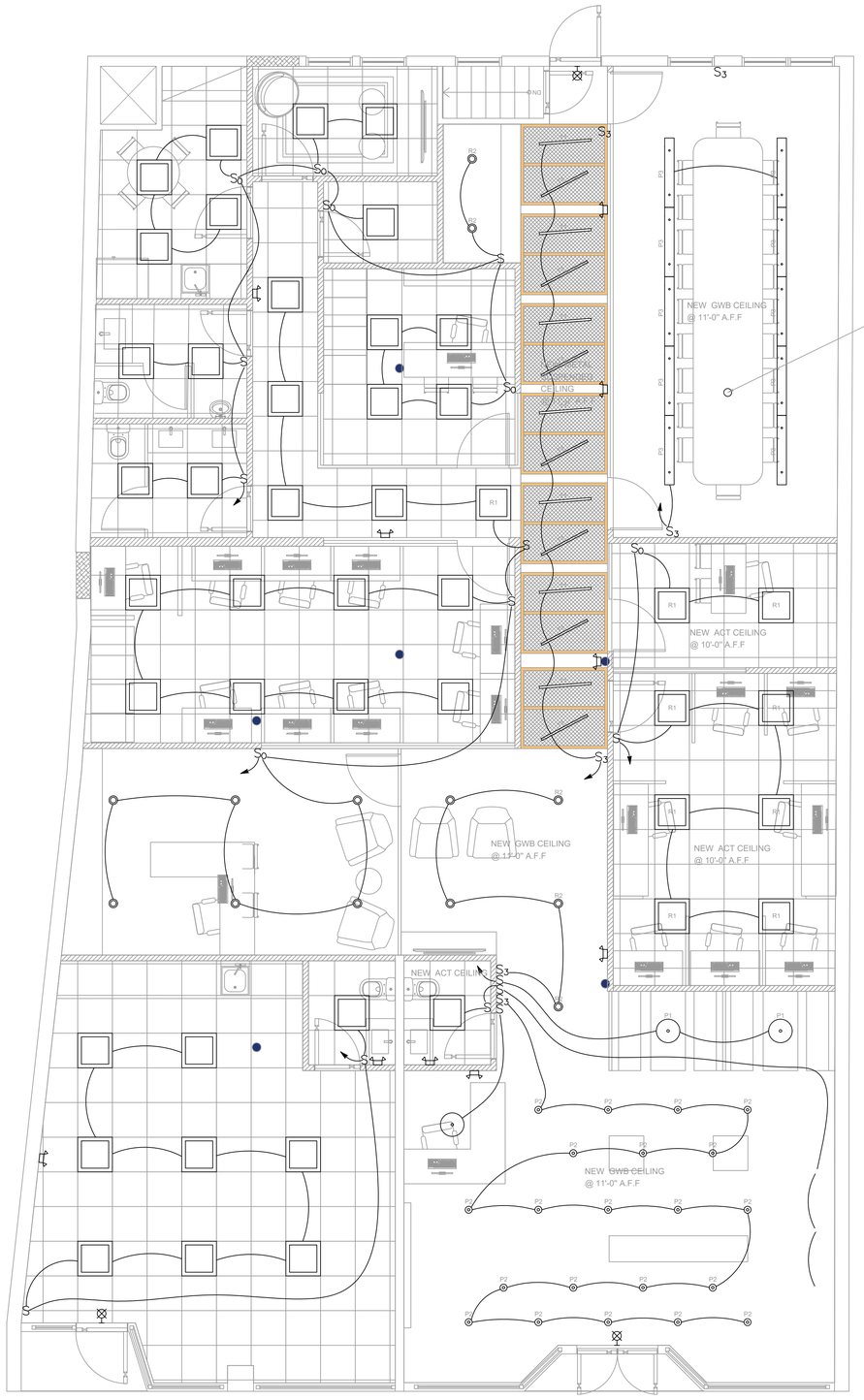
00	Issue for Permit	01/30/2023
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DRAWING TITLE

POWER FLOOR PLAN

DRAWING NUMBER

E-100



LIGHTING SCHEDULE

NO.	ROOM NAME	TYPE	MANUFACTURER	MATERIAL SPEC.	SIZE	LAMP	MATERIAL/ COLOR
R1	MULTIPLE	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	24" X 24"	LED 3000K	WHITE
R2	PRESIDENT'S/ MEETING/ WAITING	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	DIAMETER: 6"	LED 3000K/ 5500LM	WHITE
R3	SHOWROOM	RECESSED LIGHT	HOMEDEPOT	ALUMINIUM	DIAMETER: 4"	LED 3000K	BLACK
P1	SHOWROOM	PENDANT-URBAN PLANT MEDIUM	SHADESOFLIGHT	METAL/ GLASS	17" (H) x 14" (W) x 14"(D)	-	BLACK
P2	SHOWROOM	E27 MINI PENDANT LIGHT - BULB	LUMENS	SILICONE RUBBER/PLASTIC/PVC	9" (H) x 5" (W) x 5" (D)	LED 2500K	ORANGE
P3	MEETING ROOM	12100-66-P LINEAR LED PENDANT	ALCON LIGHTING	ALUMINIUM	48" (W) x 6" (D)	LED 3000K	ORANGE
T1	CORRIDOR	LED TUBE LIGHT T12"-36"	HOMEDEPOT	ALUMINIUM	36" (W)	LED 3000K	WHITE

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP	DESCRIPTION
R1			120	LED	2X2 RECESSED
R2			120	LED	RECESSED DOWN LIGHT
R3			120	LED	RECESSED WALL WASHER DOWN LIGHT
P1			120	LED	PENDANT MOUNTED
P2			120	LED	PENDANT MOUNTED
P3			120	LED	4' LINEAR PENDANT
⊠	EMERGI-LITE	LEDPXN1/2R	120	–	EXIT SIGN WITH BUILT-IN BATTERY
⌓	EMERGI-LITE	PRO2VM	120	–	EMERGENCY LIGHT W/ BUILT-IN BATTERY

SEE ARCHITECTURAL PLANS FOR DETAIL LIGHT FIXTURE SCHEDULE. EC SHALL OBTAIN LATEST LIGHT FIXTURE SPECIFICATION FROM ARCHITECT.

CEILING PLAN LEGEND

	NEW GWB CEILING.
	NEW ACT CEILING TILE.
	NEW METAL SUSPENDED CEILING 5'-0" X 4'-8".
R1	RECESSED LED 24".
R2	RECESSED LED 6".
P0	RECESSED LED 4" INSTALLED IN THE WOODWORK.
P1	PENDENT.
P2	BULB PENDENT LIGHTING.
P3	LINEAR PENDENT.
T1	LED TUBE LIGHT T12-36".

EXACT LOCATION AND TYPES OF ALL LIGHTING FIXTURES, MOUNTING HEIGHTS AND MOUNTING DETAILS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ANY CONFLICTS SHALL BE BROUGHT TO ARCHITECT'S ATTENTION PRIOR TO ANY WORK DONE. OBTAIN LATEST COPY OF THE CEILING PLAN FROM ARCHITECT PRIOR TO ANY WORK DONE.

TO MEET IECC CONTRACTOR SHALL PROVIDE IN EACH SPACE (EXCEPT CORRIDORS, BATHROOMS AND UTILITY/MECHANICAL ROOMS), CEILING MOUNTED OCCUPANCY SENSOR OR SWITCH WITH BUILT-IN OCCUPANCY SENSOR AS SHOWN TO CONTROL LIGHTS IN THE SPACE. INSTALL SELF CONTAINED TYPE OR RELAY TYPE CEILING MOUNT SENSORS AS REQUIRED TO MATCH LOAD AND VOLTAGE CHARACTERISTICS. LOCATE SENSOR IN CEILING AWAY FROM THE DOOR NOT TO PICK UP NUICANCE ACTIVATION.

IN AREAS WHERE FIXTURES ARE MOUNTED INTO INSULATED CEILINGS, THIS CONTRACTOR SHALL PROVIDE HOODS, 3" LARGER THAN FIXTURES TO KEEP INSULATION AWAY FROM THE FIXTURES AND TO MAINTAIN INSULATION INTEGRITY OF THE CEILING, SEE ARCHITECTURAL DRAWINGS FOR AREAS WHERE THESE HOODS MAY BE REQUIRED.

UNLESS NOTED OTHERWISE ALL WIRING SHALL BE #12AWG, Cu, AND FED FROM PANEL L2E VIA 20A/1P C.B. CIRCUITS LONGER THAN 100FT SHALL BE #10 CU

NO EXPOSED WIRING IS ALLOWED, ALL CONCEALED WIRING SHALL BE IN "MC" ALL WIRING IN BLOCK WALLS SHALL BE CONCEALED, RUN IN CONDUIT.

COORDINATE LOCATION OF SURFACE MOUNTED LIGHT FIXTURES WITH SPRINKLER CONTRACTOR PRIOR TO ANY INSTALLATION

CONNECT ALL EXIT SIGNS AND EMERGENCY BATTERIES TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY CONTROLS TYPICAL FOR ALL AREAS

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

RB FARINA ROOFING

PROJECT TEAM

Designer
Nathália Quirino
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Engineer
Nazieh R. Hammouri.
857 312-9212

No.	Description	Date
00	Issue for Permit	01/30/2023

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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MUZAFFER MUCTEHITZADE
ELECTRICAL
No. 32575
REGISTERED PROFESSIONAL ENGINEER

~~May 25,2023.~~
DATE OF ISSUE

DESCRIPTION

Nathalia Quirino
DRAWN BY

SCALE

1306/ 1308_MASS_AVE
FILE NAME

1306/ 1308_MASS_AVE
PROJECT #

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DRAWING TITLE

LIGHTING FLOOR PLAN

DRAWING NUMBER

E-200

ELECTRICAL SPECIFICATIONS

1.1 General

A. The General Conditions and Drawings issued for this Project shall be considered as part of the Electrical Specifications.
B. The term "This Contractor" as used under this Section and wherever used on the Drawings shall mean the Electrical Contractor.

1.2 Scope of Work

A. The work under this Specification includes the furnishing of all labor and material as specified herein and as shown on the Drawings necessary to install a complete and ready for operation. Manufacturer's catalogue numbers are shown for reference purposes only. They are meant to provide a general des-cription of the design and quality of materials required. Equivalent products by other manufacturers will be considered.

1.3 Codes and Specifications

A. The work shall be conducted in accordance with the latest rules and regulations of the State of MASSACHUSETTS and the local codes as most recently issued, OSHA codes, National Electrical Codes and NFPA.
B. All exposed wiring shall be in electric metallic tubing. All concealed wiring shall be in accordance with local codes.
C. All branch circuit conductors shall be copper, minimum #12 AWG size THHN or THWH as required, 600V rated.
D. All feeder conductors shall be copper, AWG size as noted XHHW insulation, 600V.

1.4 Coordination of Work

A. The Contractor shall schedule and coordinate his work with all trades involved to insure proper installation and operation.
B. The Contract Drawings are diagrammatic only and indicate the extent, general locations and arrangement of the piping and wiring of equipment. The exact locations shall be coordinated with Architectural Drawings and Documents of other trades.
C. This Contractor shall verify fixture mounting and location against plans, elevations and detail drawings. Exact location of all fixtures shall be confirmed with owner's representative prior to rough-in.
D. Submit Shop Drawings and product data within thirty (30) days after award of the Contract. Check, stamp and mark with project name submittals before transmitting to Architect. Indicate deviations from Contract Documents.
E. This Contractor shall give notices, file plans, obtain permits and licenses, pay fees and back charges, and obtain the necessary approvals from authorities that have jurisdiction.
F. Material and equipment shall be UL, ASME and AGA approved for intended service.
G. Guarantee work in writing for one year from date of final acceptance. Repair or replace defective materials or installation at no cost to Owner. Correct damage caused in making necessary repairs and replacements under guarantee at no cost to the Owner.
H. Submit guarantee to Architect before final payment.

LOCATION OF ALL MECHANICAL EQUIPMENTS AND ELECTRICAL CHARACTERISTICS SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR PRIOR TO ANY WORK DONE. ALL EQUIPMENT RELATING TO MECHANICAL COMPONENTS SHALL BE ORDERED ONLY AFTER THE APPROVAL OF MECHANICAL EQUIPMENT SHOP DRAWINGS

UNLESS NOTED OTHERWISE ALL WIRING SHALL BE #12AWG, C_u, AND FED FROM PANEL PP VIA 20A/1P C.B. CIRCUITS LONGER THAN 100FT SHALL BE #10 CU

NO EXPOSED WIRING IS ALLOWED,
ALL CONCEALED WIRING SHALL BE IN "MC".
ALL WIRING IN BLOCK WALLS SHALL BE CONCEALED, RUN IN CONDUIT.

WIRING IN ALL EXPOSED AREAS SHALL BE IN METALLIC RACEWAYS AS WIREMOLD OR EQUAL. RACEWAYS SHALL BE PAINTED AS DIRECTED BY THE ARCHITECT. SURFACE RACEWAYS SHALL CLOSELY FOLLOW THE SURFACE AND WRAP AROUND THE BEAMS AS REQUIRED. PRIOR TO ANY INSTALLATION, SUBMIT LAYOUT SKETCH INDICATING PROPOSED ROUTING FOR APPROVAL. ARCHITECT HAS THE RIGHT TO MODIFY OR CHANGE LAYOUT AS NEEDED. ANY CHANGES PRIOR TO ANY INSTALLATION SHALL BE AT NO CHANGE TO CONTRACT PRICE.

▼: INDICATES TELEPHONE OUTLET WITH CAT 5 TEL JACK. E.C. SHALL WIRE EACH OUTLET HOME RUN 4 PAIR CAT 6 CLP FOR TELEPHONE TO TELEPHONE TERMINATION BOARD. TERMINATE AT PUNCH DOWN BLOCKS. ALL WIRING AND TERMINATION'S SHALL BE PER CAT 6 SPECIFICATIONS, ALL WIRES SHALL BE PROPERLY LABELED AND RINGED OUT. KEEP WIRES MINIMUM 18" FROM POWER FEEDS AND FIXTURE BALLASTS

DEMOLITION NOTES

1. Electrical contractor shall be responsible for all electrical demolition, removal and disposal of hazardous and non-hazardous material complete. To identify the scope of demolition, prior to bidding, electrical contractor shall visit the site and make himself familiar with the site conditions, scope of systems to be demolished,.

2. In general demolition work is shown on Architectural Demolition Floor Plans. Electrical Contractor shall be responsible for complete removal of all wiring and raceways for the parts of the system which rendered obsolete by this renovation.

3. Major Demolition components are as follows:
a. Removal of complete or partial lighting fixtures.
b. Removal of emergency lighting fixtures for demolition or re-location
c. Removal of fire alarm devices for demolition or re-location
d. Removal of all exposed wiring for the above listed systems.

4. Pay maximum attention not to damage any remaining system and wiring in the space. Coordinate demolition work with the work of other disciplines.

5. Maintain power to all remaining devices. If needed re-e outlets to nearest receptacle circuit.

6. Provide plastic bags for all fixtures with open reflectors to prevent dusting during demolition.

7. All circuits passing through the new openings for the new windows or doors shall be re-routed as needed.

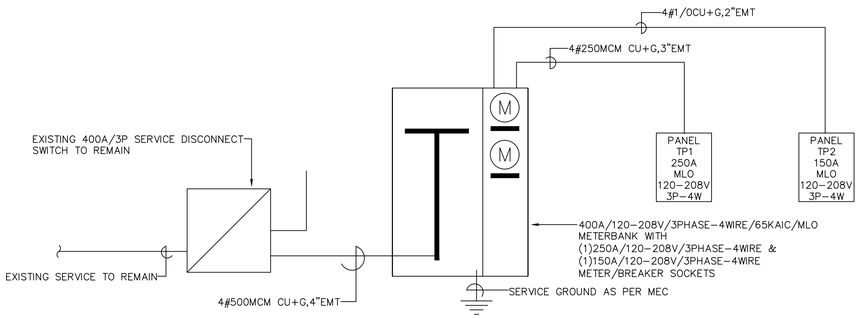
8. Any existing equipment which is to remain and made "dead" by removal on an adjacent device shall be fed from the nearest source.

9. The procedure involved in the removal of equipment and materials shall not cause any weakening of existing structure members or bearing walls, equipment and materials removed from walls scheduled to remain, shall be accomplished with minimal damage to said walls.

10. Removal of all existing obsolete Tel/Data wiring throughout the space. Prior to ant demolition contractor shall confirm existing Tel/Data wiring not to damage any active lines. Contractor or his subcontractor shall be responsible for such identification.

SYMBOL LIST

- CEILING MOUNTED LIGHT FIXTURE.
- WALL MOUNTED LIGHT FIXTURE.
- 2'X2' OR 2'X4' FLUORESCENT LIGHT FIXTURE.
- 1'x4' FLUORESCENT WALL/CEILING MOUNTED LIGHT FIXTURE.
- S — SINGLE POLE LIGHT SWITCH
- S_3 — THREE-WAY LIGHT SWITCHES
- S_D — DIMMER SWITCH MINIMUM 1000W OR AS REQUIRED PER CIRCUIT
- DUPLEX RECEPTACLE, 120V,18" AFF.
- GFI — DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER 8" ABOVE COUNTER TO ℄
- 120V DOUBLE DUPLEX CONVENIENCE RECEPTACLE
- DUPLEX RECEPTACLE ABOVE COUNTER, 8" ABOVE COUNTER TO ℄
- W — TELEPHONE JACK COMPLETE W/JACK AND COVER, ('W' WALL MOUNTED @ 4'-0" A.F.F)
- TELE/DATA OUTLETS, COMPLETE W/JACK AND COVER, HEIGHT AT 18" TO C AFF.
- TV — CABLE TV OUTLET, COMPLETE W/JACK AND COVER, HEIGHT AT 18" TO ℄ AFF.
- MOTOR
- 3R — FUSED DISCONNECT SWITCH, (3R RAIN-PROOF).
- STARTER
- SYSTEM TYPE SMOKE DETECTOR
- S_D — DUCT SMOKE DETECTOR W/REMOTE TEST SWITCH
- HEAT DETECTOR
- FIRE ALARM PULL AND A/V DEVICE
- F — FIRE ALARM PULL STATION CENTERLINE 4'-0" AFF
- F — FIRE ALARM AUDIO/VISUAL UNIT. MTD. @ 6'-8" AFF
- L — FIRE ALARM LIGHT. MTD. @ 6'-8" AFF
- TYPICAL WIRING, DIAGONAL LINES INDICATES QUANTITY OF CONDUCTORS.
- HOMERUN TO PANEL WITH CONDUCTOR.(HOT, NEUTRAL, GROUND)
- J — JUNCTION BOX
- LIGHTING & POWER PANEL, RECESSED
- FACP — FIRE ALARM CONTROL PANEL
- ANN — FIRE ALARM ANNUNCIATOR
- TS — TAMPER SWITCH
- FS — FLOW SWITCH
- RACEWAY CONCEALED IN CEILING, PLENUM OR WALLS
- RACEWAY CONCEALED IN SLAB (FLOOR)
- UNIVERSAL MOUNTING EXIT SIGN (DOUBLE FACED), ARROWS AS INDICATED.
- EMERGENCY LIGHT WITH BUILT-IN BATTERY.
- MS — OCCUPANCY SENSOR
- 208V RECEPTACLE. AMP AND PHASE AS SHOWN



POWER RISER DIAGRAM
NTS

PANEL SCHEDULE

ITEM	VOLT/PHASE/WIRE	MLO	MCB	CIRC	F: Flush S: Surf.	P: Plug B: Bolt	BRANCH BREAKERS SPR=SPARE SPC=SPACE
PANEL TP1	120-208/3/4	250	–	42	S	B	(1)50/2, (1)30/2, (1)20/2, (36)20/1
PANEL TP2	120-208/3/4	150	–	42	S	B	(1)30/2, (30)20/1

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
1306-1308 MASSACHUSETTS AVE,
ARLINGTON, MA 02476.

CLIENT

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PROJECT TEAM

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DRAWING INFORMATION

COMMONWEALTH OF MASSACHUSETTS
MUZAFFER MUCTEDI ZADE
ELECTRICAL
No. 32575
REGISTERED PROFESSIONAL ENGINEER

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	Nathalia Quirino
SCALE	DRAWN BY
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ELECTRICAL NOTES

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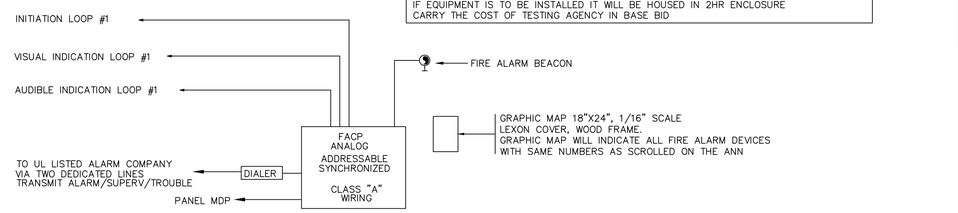
IN BASEMENT SPACE PROVIDE TWO HORN/STROBE DEVICE SPACED EVENLY, AND TWO HEAT DETECTORS SPACED EVENLY



SYMBOL LIST

S	SYSTEM TYPE SMOKE DETECTOR
S_D	DUCT SMOKE DETECTOR W/REMOTE TEST SWITCH
H	HEAT DETECTOR
F	FIRE ALARM PULL AND A/V DEVICE
F	FIRE ALARM PULL STATION CENTERLINE 4'–0" AFF
F	FIRE ALARM AUDIO/VISUAL UNIT. MTD. @ 6'–8" AFF
L	FIRE ALARM LIGHT. MTD. @ 6'–8" AFF
←	HOMERUN TO PANEL WITH CONDUCTOR.(HOT, NEUTRAL, GROUND)
FAB	FIRE ALARM POWER BOOSTER
FACP	FIRE ALARM CONTROL PANEL

CARRY THE COST OF BDA SYSTEM AS DEDUCT ALTERNATE BUT MINIMUM PROVIDE ALL NECESSARY STRUCTURE AND RACEWAYS TO BE ABLE TO INSTALL BDA SYSTEM PER IBC 915.2&3 UPON COMPLETION OF THE BUILDING EMPLOY A THIRD PARTY TESTING AGENCY TO ESTABLISH THE NEED TO INSTALL HEAD END EQUIPMENT OF A BDA SYSTEM TO MEET EMERGENCY SERVICES COMMUNICATION NEEDS AS TO BE DETERMINED BY THE FD.
PROVIDE ADD ALTERNATE COST FOR ALL HARDWARE COMPONENTS AND INSTALLATION.
RUN CONDUITS IN 2HR RATED ENCLOSURE.
IF EQUIPMENT IS TO BE INSTALLED IT WILL BE HOUSED IN 2HR ENCLOSURE
CARRY THE COST OF TESTING AGENCY IN BASE BID



NOTES

SEE FLOOR PLANS FOR DETECTOR TYPES AND LOCATIONS AND QUANTITIES.
PROVIDE BATTERY CALCULATIONS AND ONE LINE WIRING DIAGRAM
PROVIDE RADIO SIGNAL COVERAGE THROUGHOUT BUILDING AS REQUIRED PER 915.2&3
PROVIDE TIER 2 DRAWINGS WITH COMPLETE WIRING DIAGRAMS AND DEVICE ADDRESSES AS REQUIRED FOR FIRE DEPARTMENT APPLICATION
PROVIDE POWER BOOSTERS AS REQUIRED, PROVIDE SMOKE DETECTOR AT EACH BOOSTER LOCATION AND FACP LOCATION

SEQUENCE OF OPERATION

UPON ACTIVATION OF ANY FIRE DETECTOR OR MANUAL PULL STATION
–FIRE ALARM PANEL WILL TRIP AND CALL FIRE DEPARTMENT
–ALL AUDIO DEVICES WILL INITIATE ALARM SIGNAL TO ALERT ALL OCCUPANTS FOR ALARM CONDITION IN THE BUILDING FOR FULL EVACUATION.
–ALL VISUAL DEVICES WILL ACTIVATE, THEY SHALL BE SYNCHRONIZED TYPE.

FIRE ALARM SYSTEM RISER DIAGRAM

RISE ARCHITECTURE

PROJECT NAME

INTERIOR RENOVATION
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MUZAFFER NUCTEHI ZADE
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FIRE ALARM FLOOR PLAN & DETAILS

DRAWING NUMBER

FA-100